

Search query (1): [SP]: An ammunition box with a rectangular molded thermoplastic material box body defining a rectangular storage space for ammunition. The box body opens to one side that can be closed with a flat rectangular molded thermoplastic material lid. The box body is provided with integrally molded hollow collapsible projections at its corners for preventing damage from impact to the ammunition box. The lid can be provided with corresponding integrally molded hollow collapsible projections that preferably form an extension of the integrated molded hollow collapsible projections of the box body when the lid is in the closed position.

Results: 23

1) Family number: 63512272 (US2018038674A)

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Title: LIGHTWEIGHT AMMUNITION BOX

Abstract: An ammunition box with a rectangular molded thermoplastic material box body defining a rectangular storage space for ammunition. The box body opens to one side that can be closed with a flat rectangular molded thermoplastic material lid. The box body is provided with integrally molded hollow collapsible projections at its corners for preventing damage from impact to the ammunition box. The lid can be provided with corresponding integrally molded hollow collapsible projections that preferably form an extension of the integrated molded hollow collapsible projections of the box body when the lid is in the closed position.

Classifications:

International (IPC 8-9): B65D1/24 B65D21/00 B65D21/032 B65D43/02 B65D43/16 F42B F42B39/00

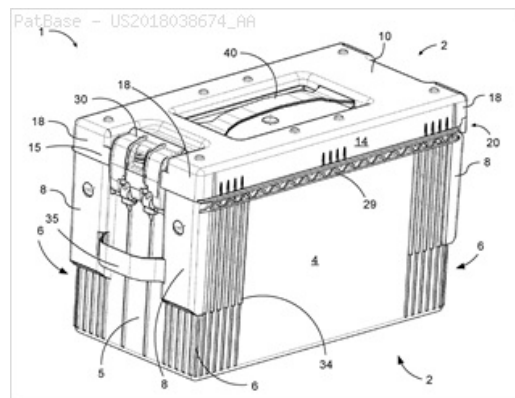
F42B39/26 (Advanced/Invention);

F42B (Subclass/Invention)

CPC: B65D1/24 B65D11/10 B65D11/20 B65D43/0204 B65D45/16 B65D81/18 B65D81/30 F42B39/26 B65D43/166 B65D43/167 F42B39/00

JP F-Term: 2C014 3E006 3E006/AA02 3E006/AA04 3E006/BA01 3E006/CA01 3E006/DA03 3E006/DB04

JP F-Index: B65D21/00 B65D21/032/100 F42B39/26



Family:

Publication number	Publication date	Application number	Application date
AU2016228003 AA	20160909	AU20160228003	20160302
AU2016228003 BB	20181101	AU20160228003	20160302
AU2018236832 AA	20181018	AU20180236832	20180928
BR112017018661 A2	20180417	BR20171118661	20160302
CA2978257 AA	20170828	CA20162978257	20160302
CO20170010013 A2	20180105	CO20170010013	20171002
DK178731 B1	20161212	DK20150000133	20150304
DK201500133 A1	20160926	DK20150000133	20150304
EP3265745 A1	20180110	EP20160758500	20160302
EP3265745 A4	20180912	EP20160758500	20160302
EP3346226 A1	20180711	EP20180154679	20160302
EP3346227 A1	20180711	EP20180154682	20160302
IL254259 A0	20171031	IL20160254259	20160302
IL254259 A1	20180131	IL20160254259	20160302
IL255712 A0	20180131	IL20160255712	20160302
IN201727033172 A	20171110	IN201727033172	20170919
JP2018508736 T2	20180329	JP20170546894T	20160302
KR20170132779 A	20171204	KR20177027946	20160302
MX2017011204 A1	20180507	MX20170011204	20160302
SG11201706980W A1	20170928	SG20171106980	20160302
US2018038674 AA	20180208	US20160555114	20160302
WO16138909 A1	20160909	WO2016DK50060	20160302

Priority:

DK20150000133 20150304

EP20160758500 20160302

AU20160228003 20160302

AU20180236832 20180928

WO2016DK50060 20160302

Probable Assignee: PLASTPACK DEFENCE APS

Assignee(s): (std): PLASTPACK DEFENCE APS

Assignee(s): ENGMANN JAN BENDIX ; DAHL JOERGEN ; DAHL JORGEN

Inventor(s): (std): DAHL JORGEN ; ENGMANN JAN BENDIX ; JAN BENDIX ENGMANN ; JORGEN DAHL

Inventor(s): DAHL JOERGEN ; JOERGEN DAHL

Agent(s): JAMES AND WELLS INTELLECTUAL PROPERTY; HICKS INTELLECTUAL PROPERTY LAW; CLAUDIA LUCIA CARO RAMIREZ; NORDIC PATENT SERVICE A S; LUZZATTO AND LUZZATTO; NORDIC PATENT SERVICE

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

Title: CONTAINER FOR EXPLOSIVE MATERIAL

Abstract: A thermoplastic container for explosive material comprising: a primary part defining a rigid compartment for holding explosive material, where the primary part comprises: a side wall having an inner periphery defining the side boundaries of the compartment and an outer periphery, a base arranged at a lower end of the side wall defining the lower boundary of the compartment, where an upper end of the side wall is arranged to provide access to the compartment allowing explosive material to be loaded into the compartment; a secondary part comprising: at least one reinforcement element defining an outer periphery of the container, wherein the reinforcement element is coupled to the primary part and is adapted to provide horizontal and/or vertical load support to the primary part and where the reinforcement element comprises at least one collapsible impact zone adapted to absorb an external impact to the secondary part and to transmit the excess forces of the impact into from the reinforcement element to the primary part

Classifications:

International (IPC 8-9): A45C13/36 B65D1/42 B65D81/05

B65D85/30 F42B39/18 F42B39/24 F42B39/26

F42B39/30 (Advanced/Invention)

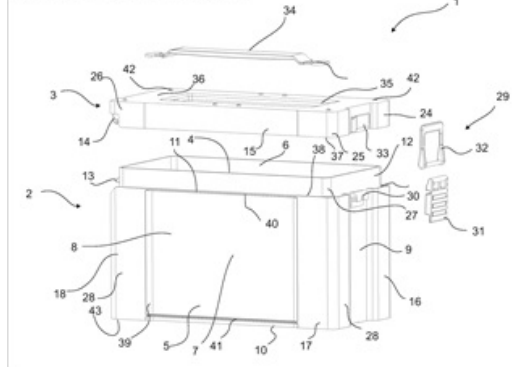
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B65D2543/00296 F42B39/26

US: 206/3

PatBase - US2016116263_AA



Family:

Publication number	Publication date	Application number	Application date
CA2921788 AA	20160218	CA20142921788	20140828
DE602014015723 D1	20171123	DE201460015723T	20140828
DK3039376 T3	20180108	DK20140756052T	20140828
EP3039376 A1	20160706	EP20140756052	20140828
EP3039376 B1	20171011	EP20140756052	20140828
ES2650813 T3	20180122	ES20140756052T	20140828
HU035878 T2	20180528	HU20140756052T	20140828
LT3039376 T	20171227	LT20140756052T	20140828
PL3039376 T3	20180228	PL20140756052T	20140828
PT3039376 T	20171211	PT20140756052T	20140828
TR201719329 T4	20180122	TR20170019329T	20140828
US2016116263 AA	20160428	US20140895413	20140828
US10024640 BB	20180717	US20140895413	20140828
WO15028544 A1	20150305	WO2014EP68243	20140828

Priority:

DK20130070478 20130830 EP20140756052 20140828 WO2014EP68243 20140828

Probable Assignee: PLASTPACK DEFENCE APS

Assignee(s): (std): PLASTPACK DEFENCE APS

Assignee(s): ENGMANN JAN BENDIX

Inventor(s): (std): ENGMANN JAN BENDIX ; JAN BENDIX ENGMANN

Agent(s): PIASETZKI NENNIGER KVAS LLP; HERNANDEZ YORCK DIPL ING; NORDIC PATENT SERVICE A S; SAEZ ANA; HANDE MUMCUOGLU; ZIEGLER IP LAW GROUP LLC; CHAS HUDE A S

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

Title: WRISTWATCH HAVING VITAL-DATA-MEASURING FUNCTIONALITY

Abstract: Provided is a wristwatch that has vital-data-measuring functionality, that is light and durable, that can accelerate blood flow by means of far infrared radiation emitted by a carbon material that constitutes the watch, and that makes it possible to quickly quantitatively verify the blood-flow acceleration effects of the watch on a display unit or the like. A wristwatch 10 that is provided with: a case main body 11 that houses a watch mechanism; a wristband 12 for installation on an arm; a bioinformation measurement sensor 20 that includes at least a blood-flow sensor 20a; and a data processing unit 21 that collects and stores bioinformation detected by the bioinformation measurement sensor 20. The case main body and/or the wristband 12 are configured from a carbon-fiber-reinforced carbon composite material.

Classifications:

International (IPC 8-9): A44C5/00 A61B5/00 A61B5/026 A61N5/06

G04B37/18 G04G21/02 G04G99/00 (Advanced/Invention)

CPC: A61B5/026 A61N5/06 G04B37/18 G04G99/00

JP F-Term: 2F002 2F002/AA12 2F002/AC01 2F002/AC03

2F002/AC04 2F002/GA04 2F002/GA06 2F071 3B020 4C017

4C017/AA11 4C017/AB02 4C017/AC30 4C017/BB12 4C017/BC14

4C017/BC23 4C017/BD06 4C017/CC01 4C017/CC03 4C017/DD07

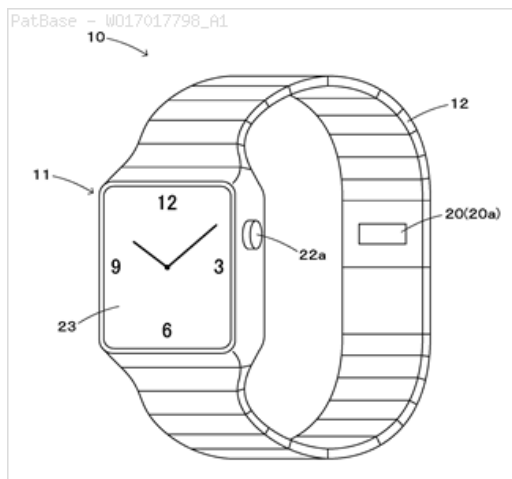
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4C117/XE76 4C117/XF03 4C117/XG01 4C117/XG03 4C117/XG05

4C117/XG19 4C117/XH12 4C117/XH18 4C117/XJ03 4C117/XJ13

4C117/XJ18 4C117/XJ21 4C117/XJ45 4C117/XL01 4C117/XQ07
JP F-Index: A44C5/00/D A61B5/00/L A61B5/00/102/C
A61B5/02/800/D A61B5/02/800/Z A61B5/026/120 A61B5/026/140
A61N5/06/A G04B37/18/A G04G17/08 G04G21/02/Z



Family:

Publication number	Publication date	Application number	Application date
JP2017017798 A1	20170803	JP20160549403T	20150729
JP6044750 B1	20161214	JP20160549403T	20150729
WO17017798 A1	20170202	WO2015JP71446	20150729

Priority:

JP20160549403T 20150729 WO2015JP71446 20150729

Probable Assignee: OHGI TECH CREATION CO LTD

Assignee(s): (std): OHGI TECH CREATION CO LTD

Assignee(s): OHGI TECHNOLOGICAL CREATION CO LTD ; OHGI TECHNOLOGICAL CREATION CO ; LTD LARGE WOODWORKING ARTS

Inventor(s): (std): OHGI TAKEHIKO

Agent(s): NAKAI HIROYUKI; NAKAI HIROYUKI 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 LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

4) Family number: 58284284 (US2015013108A)

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Title: HINGE ASSEMBLY FOR LID OF CONTAINER

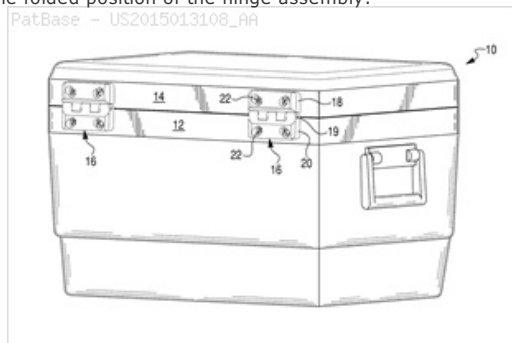
Abstract: A hinge assembly for pivotally connecting a lid to a receptacle of a container, comprises a first hinge half including a convex edge portion, and a second hinge half pivotally connected to the first hinge half for pivotable movement between a flattened position and a folded position of the hinge assembly. The second hinge half includes a concave nesting depression nestably engaging the convex edge portion of the first hinge half in the folded position of the hinge assembly.

Classifications:

International (IPC 8-9): E05D11/06 E05D3/02 (Advanced/Invention)

CPC: E05D3/02 E05D11/06 Y10T16/558 Y10T16/5535

US: 1/1 16/381



Family:

Publication number	Publication date	Application number	Application date
US2015013108 AA	20150115	US20140329566	20140711
US9464469 BB	20161011	US20140329566	20140711

Priority:

US20130845028P 20130711 US20140329566 20140711

Probable Assignee: FRASER KEITH T

Assignee(s): (std): FRASER KEITH T

Assignee(s): FRASER KEITH

Inventor(s): (std): FRASER KEITH T

Agent(s): BERENATO AND WHITE LLC

Title: PACKAGING SYSTEM FOR PROTECTION OF IC WAFERS DURING FABRICATION, TRANSPORT AND STORAGE

Abstract: The packaging system includes an enclosure having an interior volume. A wafer stack, comprising plural wafers and separators in contact with the wafers, is located in the interior volume. The separators have raised bumps extending from each side. The bumps create spaces that allow air to flow therethrough. The separator film intercepts and captures airborne molecular contaminants belonging to organic and inorganic chemical families. In addition, the film is dissipative to static discharge. Furthermore, the bumps provided by the separators protect the fragile wafers from damage due to mechanical shock. The separators are also provided with a peripheral ring or embossment, which contacts the wafer edges and further protects the wafers from damage to mechanical shock. Air cushions can be provided in the wafer stack, which cushions are provided with bands to regulate the compression.

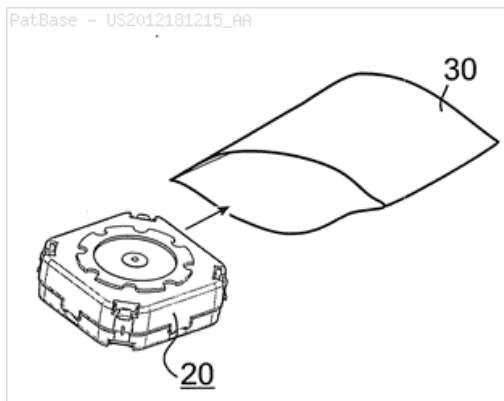
Classifications:

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H01L21/673 (Advanced/Invention)

CPC: H01L21/67369 H01L21/67383 H01L21/67396

US: 206/303 206/454 206/586 206/710 206/711 206/720



Family:

Publication number	Publication date	Application number	Application date
CN103314433 A	20130918	CN201280005580	20120118
CN103314433 B	20160330	CN201280005580	20120118
US2012181215 AA	20120719	US20120351911	20120117
US2015008154 AA	20150108	US20140493771	20140923
US8863956 BB	20141021	US20120351911	20120117
WO12099921 A1	20120726	WO2012US21653	20120118

Priority:

US20110434194P 20110119
US20140493771 20140923

US20120351911 20120117

WO2012US21653 20120118

Probable Assignee: BROOKS RAY G

Assignee(s): (std): BROOKS RAY G ; BROOKS TIMOTHY WAYNE

Inventor(s): (std): BROOKS TIMOTHY WAYNE ; BROOKS RAY G

Agent(s): GEOFFREY A; MANTOOTH GEOFFREY A

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

Title: CONTAINER WITH SEALING LID

Abstract: A releasably sealable container system is provided. The container system includes a container, a lid, a gasket and a locking arm. The container includes a lip defining an opening. The lid is configured to engage the opening. The lid includes a body and a frame. The gasket is configured to cooperate with the lid and the lip to seal the opening. The locking arm is coupled to the body and configured to move between an engaging position to lock the lid to the container and a disengaging position permitting the lid to be removed from the container. The body cooperates with the locking arm to move the locking arm from the disengaging position to the engaging position.

Classifications:

International (IPC 8-9): A47J47/10 B65D B65D43/00 B65D43/02

B65D43/06 B65D43/08 B65D43/10 B65D43/26 B65D45/00

B65D45/16 B65D45/22 B65D45/30 B65D45/32 B65D51/18

B65D53/00 B65D53/02 B65D88/42 (Advanced/Invention);

B65D43/10 B65D45/16 B65D53/02 B65D88/42 (Advanced/Non-

invention);

B65D43/00 B65D43/02 B65D45/00 B65D53/00

B65D88/00 (Core/Invention);

B65D43/06 (Core/Non-invention);

B65D (Subclass/Invention)

CPC: B65D43/0212 B65D45/322 B65D2543/00194 B65D2543/0024

B65D2543/00296 B65D2543/00518 B65D2543/00537

B65D2543/00555 B65D2543/00564 B65D2543/00629

B65D2543/00657 B65D2543/00685 B65D2543/00759

B65D2543/00805 B65D2543/00842 B65D2543/00972 B65D43/0204

European: B65D43/02S3E B65D45/32A L65D543/00Y10B2

L65D543/00Y1F4C3 L65D543/00Y1H2 L65D543/00Y1M6

L65D543/00Y20B1 L65D543/00Y8D1E L65D543/00Y8D3

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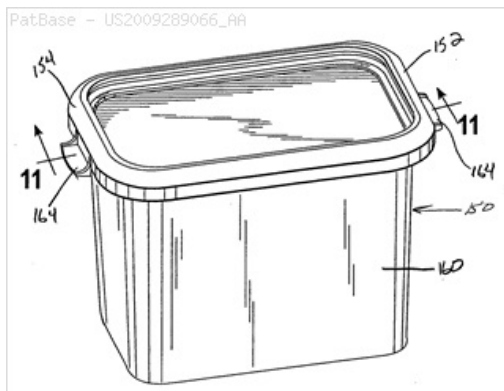
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JP F-Term: 3E084 3E084/AA05 3E084/AA14 3E084/AA24 3E084/BA02 3E084/CA03 3E084/CC03 3E084/DA03 3E084/DB14

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Family:

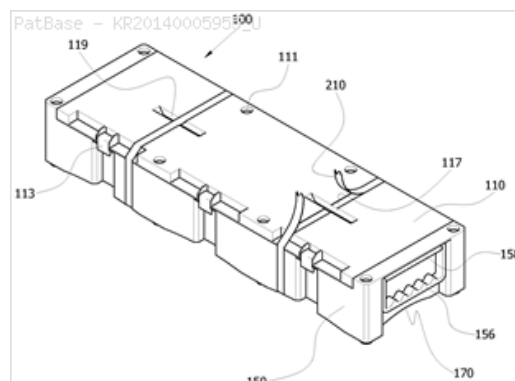
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CA2695655 C	20140520	CA20092695655	20090507
CN101883728 A	20101110	CN200980100111	20090507
CN101883728 B	20120125	CN200980100111	20090507
CN102133962 A	20110727	CN201110114582	20090507
DE602009015442 D1	20130627	DE200960015442T	20090507
EP2188193 A1	20100526	EP20090762814	20090507
EP2188193 A4	20101124	EP20090762814	20090507
EP2188193 B1	20130501	EP20090762814	20090507
EP2361852 A1	20110831	EP20110162235	20090507
HK1150582 A1	20120810	HK20110104578	20110509
HK1150582 A1	20120106	HK20110104578	20110509
HK1150582 B	20120810	HK20110104578	20110509
IN07040DN2010 A	20110909	IN2010DN07040	20101005
JP2011184104 A2	20110922	JP20110098966	20110427
JP2011500475 T2	20110106	JP20100532347T	20090507
KR101576820 B1	20151211	KR20097024702	20090507
KR20110008138 A	20110126	KR20097024702	20090507
KR20110050564 A	20110513	KR20117008450	20090507
NZ583387 A	20120330	NZ20090583387	20090507
TW201008842 A	20100301	TW20090116427	20090518
TW201202097 A	20120116	TW20110135089	20090518
US2009289066 AA	20091126	US20090387795	20090507
US2011163099 AA	20110707	US20110048444	20110315
US8251245 BB	20120828	US20110048444	20110315
WO09151517 A1	20091217	WO2009US02840	20090507

Priority:

US20080128407P 20080521	US20080128407 20080521	EP20090762814 20090507
JP20100532347 20090507	US20090387795 20090507	WO2009US02840 20090507
US20110048444 20110315		

Probable Assignee: HELEN OF TROY LTD**Assignee(s):** (std): DIPIETRO DEAN ; FORLEE SHERWOOD ; HELEN OF TROY CO LTD ; HELEN OF TROY LTD ; KANEKO EUGENE RYU ; KENNEDY TIMOTHY JUDE**Assignee(s):** HELEN OF TROY LIMITEDBB ; HELEN OF TROY LIMITED ; HELEN OF TROY CO**Inventor(s):** (std): DIPIETRO DEAN ; FORLEE SHERWOOD ; KANEKO EUGENE RYU ; KENNEDY TIMOTHY JUDE ; SHERWOOD FORLEE ; RYU KANEKO EUGENE ; JUDE KENNEDY TIMOTHY ; DEAN DIPIETRO ; KENNEDY TIMOTHY J ; KANEKO EUGENE R**Inventor(s):** EUGENE R KANEKO ; KENNEDY TIMOTHY JUDE LEONIA ; TIMOTHY JUDE KENNEDY ; TIMOTHY J KENNEDY ; KANEKO EUGENE RYU SAN DIEGO ; FORLEE SHERWOOD BROOKLYN ; DIPIETRO DEAN BROOKLYN ; EUGENE RYU KANEKO**Agent(s):** SPRUSON AND FERGUSON; SMART AND BIGGAR; HEYER VOLKER DIPL PHYS DRRERNAT; HAUCK PATENT UND RECHTSANWAELTE; HEYER VOLKER; CHAN TANG AND KWOK; SEYFARTH SHAW LLP; HERRON JOSEPH H**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**7) Family number: 57886367 (KR20140005955U)**

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Title: A SHELL TRANSPORTING BOX**Abstract:** Source: KR200477811Y **Machine translation:** The invented structure is made as an assembly of a cover and a body that is provided as the locking unit is connected to a hinge, the lower surface of the stacked body in the multi-stage depressed when ever possible the flow of air in the width direction or a longitudinal direction in the contact portion The arch will be on the shell box that ever prevent condensation equipped with more than one.**Classifications:****International (IPC 8-9):** B65D85/20 B65D85/30
F42B39/26 (Advanced/Invention)**CPC:** F42B39/26 B65D85/20 B65D85/30**Family:**

Publication number	Publication date	Application number	Application date
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KR200477811 Y1	20150727	KR20140007023U	20140926
KR20140005955 U	20141127	KR20140007023U	20140926

Priority:

KR20140007023U 20140926

Probable Assignee: OET OE C OE AND 189 O AND 190 DOEWH

Assignee(s): NOTE YINOBIJEU ; OET OE C OE AND 189 O AND 190 DOEWH

8) Family number: 44815314 (US2010077813A)

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Title: SECURITY CONTAINER WITH REARWARD FACING LOCK

Abstract: A security container for retaining an item of merchandise therein; said security container comprising a base, a lid, a slider within the lid, a lid hole, a slider tab extending from the slider through the lid hole, and a locking mechanism unlocked through magnetic manipulation. The slider tab is located proximate the hinged side of the lid. As a user positions a key to magnetically unlock the locking mechanism, a protrusion on the key simultaneously pushes the slider tab which unlocks internal L-shaped lock tabs from hook tabs. The slider tab is located on the hinged side of the lid for aesthetic as well as safety purposes. By hiding the security features, potential customers focus on the product within the box. Likewise, a casual thief observing from the front and sides of the container is presented with no immediate means for entry. Thus, the invention provides a more secure container for displaying upscale merchandise.

Classifications:

International (IPC 8-9): A45C A45C13/10 A45C13/18 A45C13/24

A61B5/04 B65D45/16 E05B47/00 E05B65/00 E05B73/00

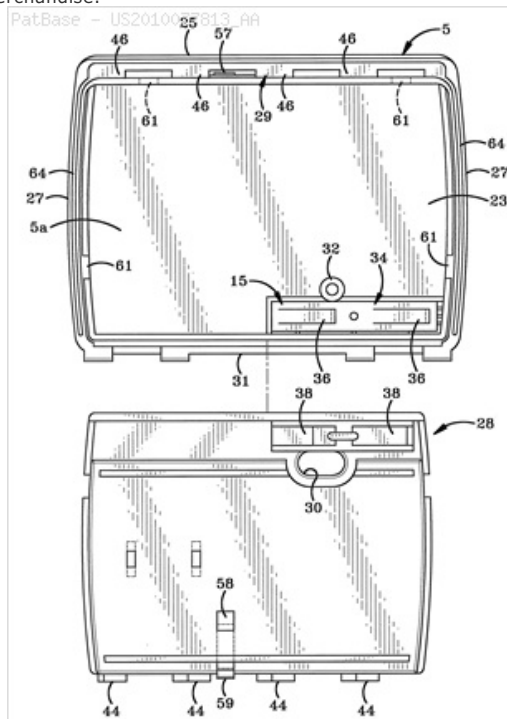
G08B13/24 (Advanced/Invention);

A45C13/00 A45C13/10 E05B47/00 (Core/Invention)

CPC: Y10T70/50 Y10T70/5004 Y10T70/7904 E05B73/0023

European: E05B73/00B2

US: 206/1.5 220/324 70/413 70/413P 70/57 70/57.1



Family:

Publication number	Publication date	Application number	Application date
AU2009300407 AA	20100408	AU20090300407	20090909
CA2737598 AA	20100408	CA20092737598	20090909
CN102170804 A	20110831	CN200980138335	20090909
CN102170804 B	20141224	CN200980138335	20090909
EP2344002 A1	20110720	EP20090818075	20090909
EP2344002 A4	20141029	EP20090818075	20090909
HK1159964 A1	20120810	HK20120100357	20120112
MX2011003395 A1	20110426	MX20110003395	20090909
US2010077813 AA	20100401	US20080241691	20080930
US2011100992 AA	20110505	US20110005575	20110113
US7963131 BB	20110621	US20080241691	20080930
WO10039170 A1	20100408	WO2009US05084	20090909

Priority:

US20080241691 20080930

WO2009US05084 20090909

US20110005575 20110113

Probable Assignee: CHECKPOINT SYSTEMS INC

Assignee(s): (std): CHECKPOINT SYSTEMS INC ; KINCH KEVIN ; CONTI BRIAN V ; ZHANG NINGSHENG

Assignee(s): BANK OF AMERICA NA ; WELLS FARGO BANK

Inventor(s): (std): ZHANG NINGSHENG ; NINGSHENG ZHANG ; KINCH KEVIN ; KEVIN KINCH ; CONTI BRIAN V

Inventor(s): BRIAN V CONTI

Agent(s): LESICAR PERRIN; LESICAR MURRAY TRENTO; LESICAR MAYNARD ANDREWS PTY LTD; NORTON ROSE OR SENCRL SRL LLP; RAFFAY AND FLECK; CLT PATENT AND TRADEMARK HK LTD; SAND AND SEBOLT; SEBOLT JOSEPH A ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT 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

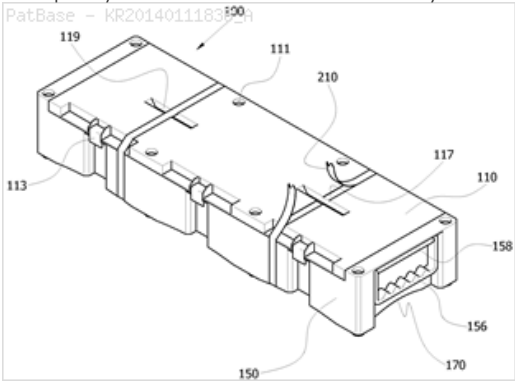
Title: A SHELL TRANSPORTING BOX

Abstract: The present invention relates to a box for shells composed of an assembly structure of a cover and a main body connected by a hinge, and equipped with a locking unit, and more specifically, to a box for shells for preventing dew condensation due by being equipped with one or more arches dented for making air flowing possible in the width or longitudinal direction on the contact area, when shells are arranged in multiple layers on the bottom of the main body.

Classifications:

International (IPC 8-9): F42B39/22 F42B39/26 (Advanced/Invention)

CPC: F42B39/22 F42B39/26 B65D21/0219



Publication number	Publication date	Application number	Application date
KR101425670 B1	20140801	KR20140071847	20140613

Priority:

KR20140071847 20140613

Probable Assignee: POONGSAN CORP

Assignee(s): (std): POONGSAN CORP

Assignee(s): POONGSAN CORPORATION

Inventor(s): (std): SEO SONG WON ; KIM SUNG HOON ; KIM JU YEONG

11) Family number: 49285972 (US2011174639A)

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Title: AMMUNITION PRESERVATION PACKAGING AND STORAGE SYSTEM

Abstract: The present invention provides a unique method of manufacturing an inexpensive, hermetically sealed ammunition container by the use of a conventional canning operation where the ammunition is inserted into cans that have been enamel coated inside and out and placed between resilient cushioning plugs and put into a vacuum chamber. Optionally, all of the air, atmosphere/oxygen and atmospheric moisture that may be present in the can is removed and replaced with an inert gas before the can is sealed. This packaging system fulfills the need for a method of storing ammunition over an extended period of time, and provides a convenient, air tight and compact package for ammunition and related components.

Classifications:

International (IPC 8-9): B65D81/20 B65D85/00

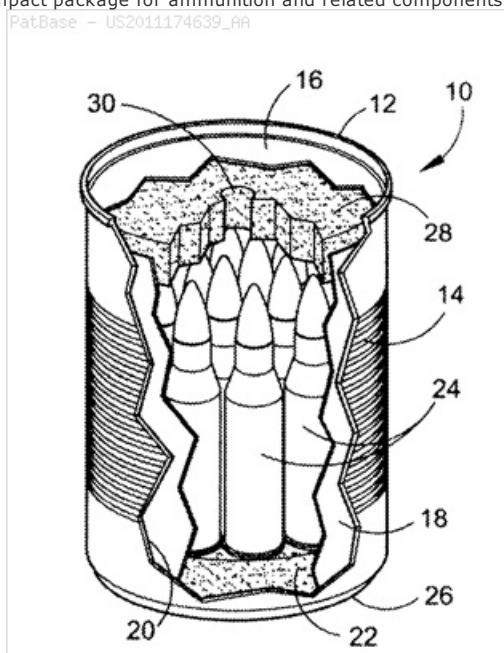
F42B39/00 (Advanced/Invention)

CPC: F42B39/26 F42B39/24 F42B39/22

European: F42B39/22 F42B39/24 F42B39/26

US: 206/213.1 206/3 206/3P 206/524.8 220/62.15 53/472 53/472S 89/34

PatBase - US2011174639_AA



Family:

Publication number	Publication date	Application number	Application date
EP2526030 A1	20121128	EP20100844297	20101230
US2011174639 AA	20110721	US20110010547	20110120
US8302768 BB	20121106	US20110010547	20110120
WO11090766 A1	20110728	WO2010US62584	20101230

Priority:

US20100296825P 20100120

US20100373090P 20100812

WO2010US62584 20101230

US20110010547 20110120

Probable Assignee: READY RESERVE AMMO INC

Assignee(s): (std): READY RESERVE AMMO INC ; SIBLEY DAVID P

Inventor(s): (std): SIBLEY DAVID P

Agent(s): PIPPARELLI CLAUDIO; RICHARD D; CLARKE RICHARD D

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

12) Family number: 48701015 (JP2011040324A)

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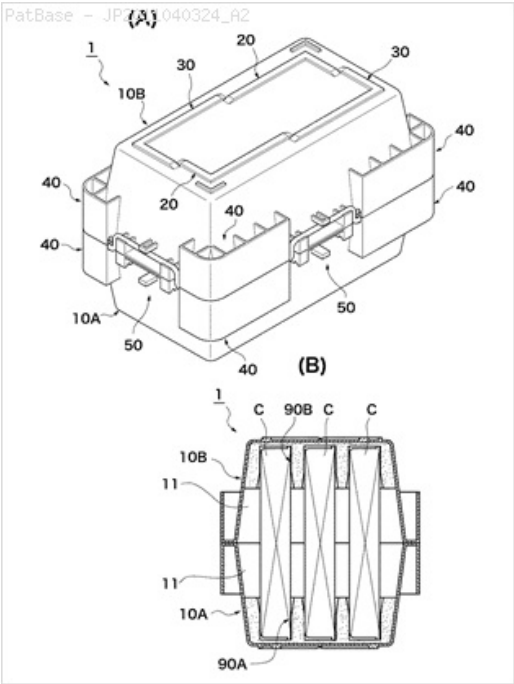
Title: CONTAINER FOR BATTERY TRANSPORTATION

Abstract: PROBLEM TO BE SOLVED: To provide a container which is suitable for flat battery transportation such as a lithium ion battery. SOLUTION: The container 1 for battery transportation has a body 10A, and a lid 10B. The body 10A has a recess 11 for storing a part (a lower part) of the plate-shaped battery C, and a body buffering material 90A wherein a groove inserted with a lower end of the battery C is formed is arranged in the recess 11. The lid 10B has the recess 11 for storing a remained section (an upper part) of the battery, and a lid buffering material 90B wherein a groove inserted with an upper end of the battery is formed is arranged in the recess 11. The body and the lid can be produced by the same molding die if the body 10A and the lid 10B are the same shape, and manufacturing cost of the container can be reduced.

Classifications:

International (IPC 8-9): B65D21/02 B65D21/04

H01M2/10 (Advanced/Invention)
CPC: Y02E60/12
European: Y02E60/12
JP F-Term: 3E006 3E006/AA02 3E006/BA02 3E006/CA01 3E006/DA03 3E006/DA04 3E006/DB03 3E006/DB05 3E006/HA02 5H040 5H040/AA03 5H040/AS07 5H040/AT02 5H040/CC05 5H040/CC12 5H040/CC35 5H040/CC53 5H040/GG14
JP F-Index: B65D21/02/B B65D21/04 H01M2/10/L



Family:

Publication number	Publication date	Application number	Application date
JP2011040324 A2	20110224	JP20090188472	20090817

Priority:

JP20090188472 20090817

Probable Assignee: MITSUBISHI PLASTICS INC

Assignee(s): (std): MITSUBISHI PLASTICS INC ; MITSUBISHI PLASTICS IND

Inventor(s): (std): UEMATSU AKIRA

13) Family number: 34588071 (WO07070029A1)

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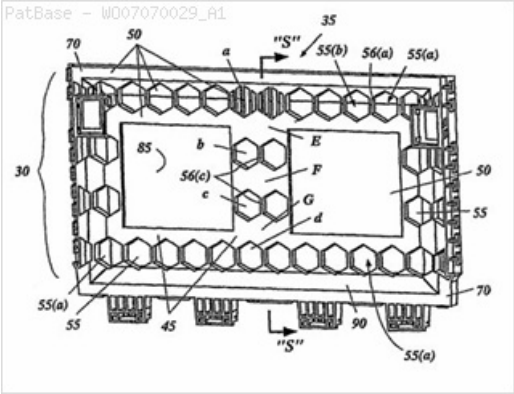
Title: CONTAINER SIDEWALL AND RELATED METHODS

Abstract: The invention provides for, among other things, improved strength/weight ratio in a sidewall, (30) panel, or similar structure. The invention can be used in many applications, including in multi-part and/or collapsible or other containers, components of such containers (including for example drop doors, lids, pallets, bases, and other components, load bearing or other structural components, barriers, walls, or similar apparatus. The sidewall/panel (30) includes a structural support network (35) having inner (40) and outer surfaces (45) positioned offset from each other and an interconnecting support frame (50) positioned therebetween. In a preferred embodiment, the support frame (50) includes generally planar inner/outer offset (40, 45) or alternating surfaces, and at least one geometric shaped support member (55). Related methods are disclosed.

Classifications:

International (IPC 8-9): B65D90/02 (Advanced/Invention)
CPC: B65D65/406 B65D11/06 B65D19/18 B65D2519/00024

B65D2519/00034 B65D2519/00059 B65D2519/00069
B65D2519/00139 B65D2519/00164 B65D2519/00174
B65D2519/00273 B65D2519/00303 B65D2519/00338
B65D2519/00437 B65D2519/00452 B65D2519/00457
B65D2519/00517 B65D2519/00611 B65D2519/00641
European: B65D11/06 B65D19/18 B65D65/40C L65D519/00Y1B2
L65D519/00Y1B4 L65D519/00Y1C2 L65D519/00Y1C4
L65D519/00Y1E4 L65D519/00Y1F2 L65D519/00Y1F4
L65D519/00Y2A2 L65D519/00Y2B6 L65D519/00Y2C4B
L65D519/00Y2E12B L65D519/00Y2E12F L65D519/00Y2E12G
L65D519/00Y2F6 L65D519/00Y3B1D L65D519/00Y3C1



Family:

Publication number	Publication date	Application number	Application date
WO07070029 A1	20070621	WO2005US45050	20051214

Priority:

WO2005US45050 20051214

Probable Assignee: LINPAC MATERIALS HANDLING

Assignee(s): (std): LINPAC MATERIALS HANDLING ; NOLAN ROGER

Inventor(s): (std): NOLAN ROGER

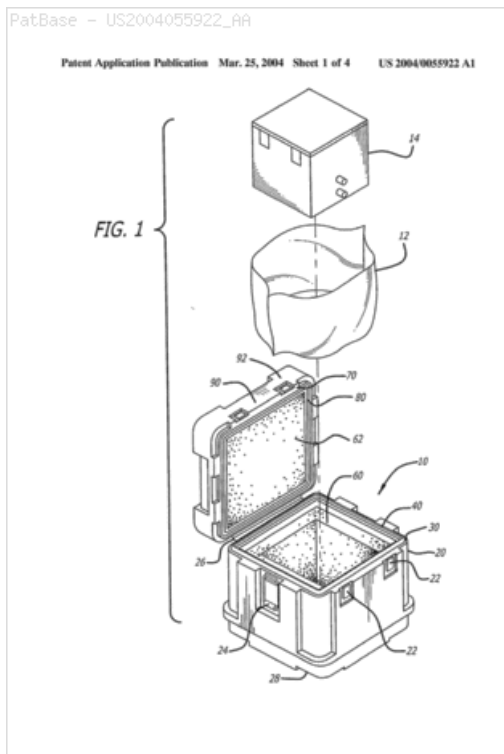
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Title: MULTIPLE SEAL STORAGE AND TRANSPORT CONTAINER

Abstract: A container suitable for storing and transporting hazardous materials such as alkali wet cell batteries in an aviation environment includes a container body and a hinged lid made of cross linked polyethylene, latches, and a triple tongue-in-groove seal around the rim of the container opening. The triple tongue-in-groove seal includes two smaller tongue-in-groove seals with a larger tongue-in-groove seal disposed therebetween. The larger tongue-in-groove structure provides structural strength to help prevent the lid from skewing when the container suffers stress such as an impact at a corner, and also helps to guide the lid and base into proper alignment when the lid is being closed. The smaller tongue-in-groove seals provide double redundant sealing to help contain hazardous materials inside the container without making the rim of the container excessively wide.

Classifications:

International (IPC 8-9): B65D77/02 B65D85/54
B65D85/84 (Advanced/Invention);
B65D77/00 B65D85/00 B65D85/84 (Core/Invention)
International (IPC 1-7): B65D85/84
CPC: B65D77/02 B65D85/84
European: B65D77/02 B65D85/84
US: 206/524.5 206/703 220/849



Family:

Publication number	Publication date	Application number	Application date
US2004055922 AA	20040325	US20020247407	20020919
US7063212 BB	20060620	US20020247407	20020919

Priority:

US20020247407 20020919

Probable Assignee:

BILL THOMAS ASSOCIATES INC

Assignee(s): (std):

BILL THOMAS ASSOCIATES INC

Inventor(s): (std):

ORDONEZ JOSE L

Agent(s):

ERIC J; TANGENT LAW GROUP

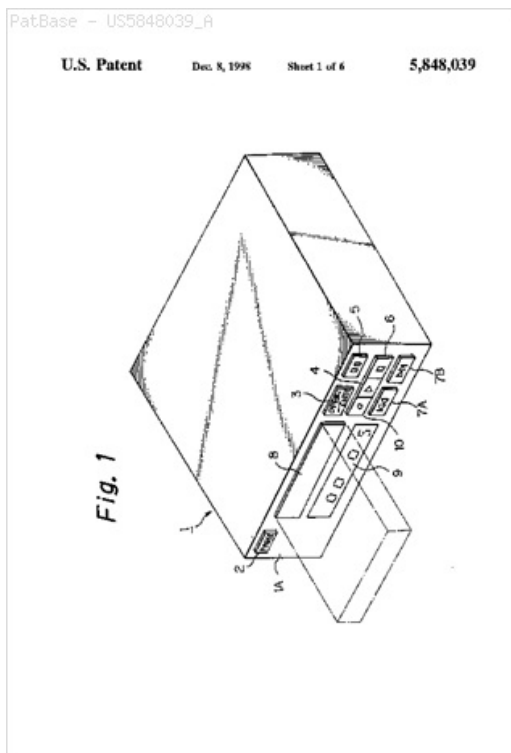
Title: Method for calculating a play time of a disc reproducing apparatus

Abstract: A method for calculating a play time of a disc reproducing apparatus is disclosed. The method comprises the steps of: reading cluster and sector information of each music program recorded on a disc after compressed; calculating cluster and sector number information of each music program according to the cluster and sector information of each music program; calculating cluster and sector number information of all music programs recorded on the disc according to the cluster and sector information of each music program, calculating remaining cluster and sector number information of a music program being reproduced according to both relative cluster and sector number information measured from the beginning of a music program being reproduced and the cluster and sector number information of each music program, or calculating remaining cluster and sector number information of the disc according to the relative cluster and sector number information measured from the beginning of a music program being reproduced, the cluster and sector number information of all music programs recorded on the disc, and the cluster and sector number information of each music program; and converting the cluster and sector number information of each music program, the cluster and sector number information of all music programs, the cluster and sector number information of a music program, or the remaining cluster and sector number information of the disc into time information so as to output the time information.

Classifications:

International (IPC 8-9): G11B20/10 G11B27/00 G11B27/10
G11B27/11 G11B27/30 G11B27/32 G11B27/34 (Advanced/Invention);
G11B20/10 G11B27/00 G11B27/10 (Core/Invention)
International (IPC 1-7): C11B7/00 G11B20/10 G11B27/00
G11B27/10 G11B27/19 G11B27/32 G11B27/34 G11B7/00
CPC: G11B27/105 G11B27/11 G11B27/3027 G11B27/329 G11B27/34
G11B2220/2529 G11B2220/65
European: G11B27/10A1 G11B27/11 G11B27/30C G11B27/32D2

G11B27/34 S11B220/25C1 S11B220/65
US: 369/30.12 369/30.27 369/53.31 369/53.34 369/58 G9B/027.019
 G9B/027.021 G9B/027.033 G9B/027.050 G9B/027.051 G9B/27.019
 G9B/27.021 G9B/27.033 G9B/27.05 G9B/27.051
JP F-Term: 5D044 5D044/AB05 5D044/BC06 5D044/CC06
 5D044/DE37 5D044/DE39 5D044/FG19 5D044/GK12 5D077
 5D077/AA30 5D077/CA02 5D077/DC03 5D077/DC10 5D077/EA34
 5D077/EA35 5D077/HA07 5D077/HC03 5D110 5D110/AA19
 5D110/AA27 5D110/DA03 5D110/DA18 5D110/DB03 5D110/DC05
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JP F-Index: G11B20/10/321/Z G11B27/00/D G11B27/10/A
 G11B27/34/S



Family:

Publication number	Publication date	Application number	Application date
DE69329044 D1	20000824	DE19936029044	19930517
DE69329044 T2	20010322	DE19936029044T	19930517
EP0571147 A2	19931124	EP19930303769	19930517
EP0571147 A3	19950830	EP19930303769	19930517
EP0571147 B1	20000719	EP19930303769	19930517
JP2003162887 A2	20030606	JP20020292142	20021004
JP3435712 B2	20030811	JP19920311476	19921027
JP3669356 B2	20050706	JP20020292142	20021004
JP6044750 A2	19940218	JP19920311476	19921027
KR100268628 B1	20001016	KR19930008437	19930518
KR19940006129 A	19940323	KR19930008437	19930518
US5848039 A	19981208	US19980098692	19980617
US5889745 A	19990330	US19930063512	19930518

Priority:

JP19920155722 19920522 JP19920311476 19921027 US19930063512 19930518
 US19980098692 19980617 JP20020292142 20021004

Probable Assignee: SONY CORP

Assignee(s): (std): SONY CORP

Assignee(s): SONY CORP TOKIO TOKYO

Inventor(s): (std): ARAMAKI JUNICHI C O PATENTS DI ; ARAMAKI JUNICHI

Designated states: DE FR GB

16) Family number: 23266113 (US2002070215A)

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Title: COLLAPSIBLE CONTAINER WITH CLOSED, MULTI-PANELED SIDEWALLS

Abstract: A novel, collapsible container is provided which features container side walls and end walls that have a closed, multi-paneled element forming at least a portion of the wall. The closed wall element is formed from an exterior panel and an interior panel that are joined along top, side and bottom seams of the panel, preferably by hot plate welding, to form a closed, multi-paneled side or end wall element. In more detailed aspects of the invention, the side or end walls incorporate a windowed construction, which includes a window having a seam surrounding a single panel window area.

Classifications:

International (IPC 8-9): B65D19/18 B65D6/12

B65D6/18 (Advanced/Invention);

B65D19/00 (Advanced/Non-invention)

International (IPC 1-7): B65D19/18 B65D6/12 B65D6/16 B65D6/28

B65D88/00

CPC: B65D19/18 B65D2519/00034 B65D2519/00069

B65D2519/00129 B65D2519/00134 B65D2519/00174

B65D2519/00184 B65D2519/00268 B65D2519/00288

B65D2519/00318 B65D2519/00338 B65D2519/00353

B65D2519/00412 B65D2519/00422 B65D2519/00502

B65D2519/00527 B65D2519/00557 B65D2519/00567

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B65D2519/00975 B65D2519/0099

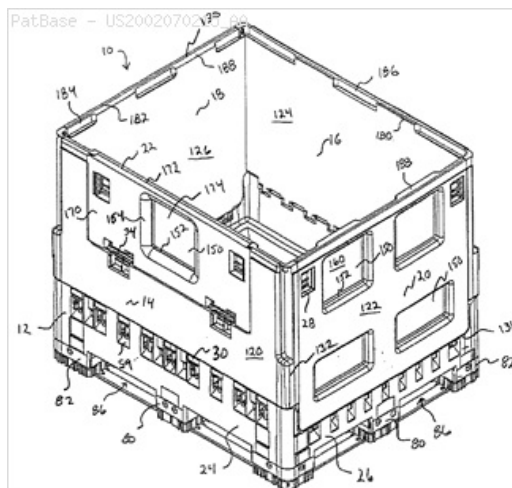
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L65D519/00Y2C1 L65D519/00Y2C4B L65D519/00Y2C5

L65D519/00Y2E11C L65D519/00Y2E11F L65D519/00Y2F2
L65D519/00Y2F8 L65D519/00Y3A1 L65D519/00Y3A1B
L65D519/00Y3B1A L65D519/00Y3C1A2 L65D519/00Y4D
L65D519/00Y4H2D L65D519/00Y4K2C2 L65D519/00Y4L2
US: 206/386 220/6 220/6P



Family:

Publication number	Publication date	Application number	Application date
AU2001256988 AA	20011023	AU20010256988	20010406
AU200156988 A1	20011023	AU20010056988	20010406
AU200156988 A5	20011023	AU20010056988	20010406
US2002070215 AA	20020613	US20010828036	20010406
US6776300 BB	20040817	US20010828036	20010406
WO0176960 A1	20011018	WO2001US11302	20010406

Priority:

US20000196040P 20000407 US20010828036 20010406 WO2001US11302 20010406

Probable Assignee: SCHOELLER ARCA SYSTEMS INC

Assignee(s): (std): CULP YIYUN ; OATES JOE ; WALSH THOMAS J ; XYTEC SYSTEMS INC ; ARCA XYTEC SYSTEMS INC

Assignee(s): CITIBANK NA ; CITIBANK NA LONDON BRANCH ; SCHOELLER ARCA SYSTEMS INC ; SCHOELLER ALLIBERT US INC WAS KNOWN AS SCHOELLER ARCA SYSTEMS INC..

Inventor(s): (std): CULP YIYUN ; CULP YIYUN SHERRI ; OATES JOE ; WALSH THOMAS ; WALSH THOMAS J

Inventor(s): YIYUN CULP ; THOMAS J WALSH ; JOE OATES

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 CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

17) Family number: 28332290 (US2003038142A)

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Title: Storage box with improved design including replaceable hinges and latches

Abstract: A storage container, such as a tackle box, with well protected latches and hinges which can be easily repaired if they are damaged. The front latches and rear hinges preferably use inserts which are formed separately from the upper and lower tackle box trays. The rear hinge insert, for example, preferably takes the form of a U-shaped piece of molded plastic with a thinned plastic section in its middle to act as an internal hinge for the insert. The walls of this U-shaped insert are pressure fitted into slots formed into the interior of the upper and lower trays. The front latch insert is preferably formed from an approximately flat piece of plastic which has a bar at an open spaced end and a solid, flanged snap at the other end. Both the bar and the snap for this front insert are received into grooved catches which are formed onto both the upper and lower trays. In the case of both the front latches and rear hinges, they are preferably designed to be flush with the adjoining surfaces of the tray by fitting into recesses in the trays so as to minimize any danger of breaking by being caught or snagged on another object.

Classifications:

International (IPC 8-9): A45C13/00 A45C13/10 B25H3/02

B65D43/16 (Advanced/Invention);

A45C13/02 (Advanced/Non-invention);

A45C13/00 A45C13/10 B25H3/00 B65D43/16 (Core/Invention)

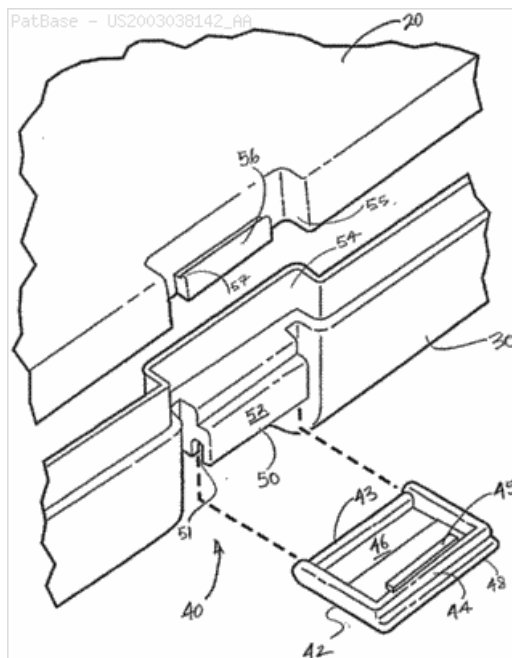
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CPC: A45C13/005 A45C13/02 A45C13/1076 B25H3/02 B65D43/166 B65D43/168

European: A45C13/00H A45C13/10S B25H3/02 B65D43/16C2

B65D43/16C3 K45C13/02

US: 206/56 206/560 206/561 220/4.22 220/4.24 220/529 220/835 220/847



Family:

Publication number	Publication date	Application number	Application date
US2003038142 AA	20030227	US20010934925	20010821

Priority:

US20010934925 20010821

Probable Assignee:

HYI

Assignee(s): (std):

HYI

Inventor(s): (std):

GEE PATRICK

18) Family number: 11766803 (US5381920A)

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Title: TOOL BOX HINGE STRUCTURE

Abstract: A tool box includes a cover shell having a rectangular socket on a back wall thereof, a bottom shell having a rectangular socket on a back wall thereof, and a hinge connected between the rectangular socket of the cover shell and the rectangular socket of the bottom shell permitting the cover and bottom shells to be turned on the hinge relative to each other, wherein the rectangular socket of either shell has two opposite projecting portions on the inside; the hinge is integrally molded from a resilient plastic material having two symmetrical parts linked by a grooved horizontal connecting portion, each part of the hinge having two hooks inserted into the rectangular socket of either shell and engaged with the projecting portions of the respective rectangular socket.

Classifications:

International (IPC 8-9): B25H3/02 B65D43/16 E05D1/02 E05D7/12 (Advanced/Invention);

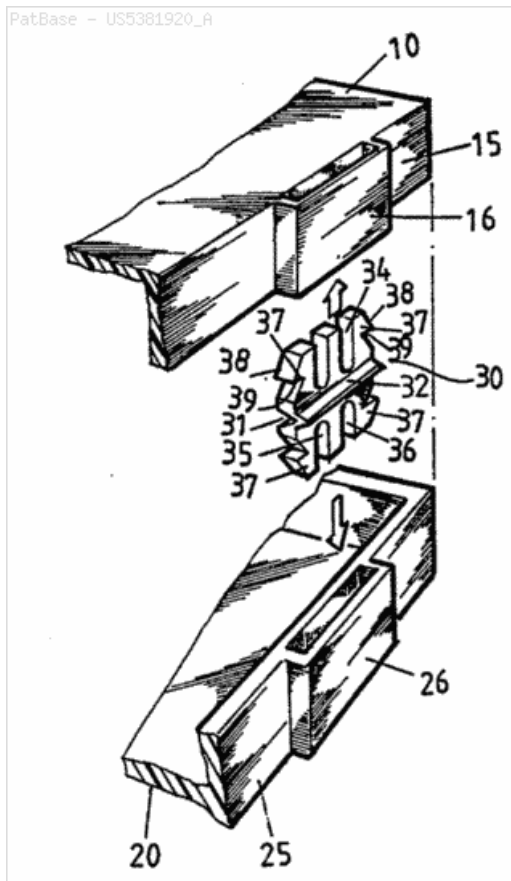
B25H3/00 B65D43/16 E05D1/00 E05D7/00 (Core/Invention)

International (IPC 1-7): B65D51/04 E05D7/10

CPC: E05D1/02 B25H3/02 B65D43/166 E05D7/12 E05Y2900/602 Y10T16/53605

European: B25H3/02 B65D43/16C2 E05D1/02 E05D7/12 P05Y900/602

US: 16/261 220/338 220/342 220/843 220/847

**Family:**

Publication number	Publication date	Application number	Application date
US5381920 A	19950117	US19930173747	19931221

Priority:

US19930173747 19931221

Probable Assignee:

LIN ARLO H T

Assignee(s):

LIN ARLO H T

Inventor(s): (std):

LIN ARLO H T

19) Family number: 14417273 (WO9318975A1)

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Title: ATTACHED LID CONTAINER

Abstract: An attached lid container (1) has lids (2) that are hinged to the top edges of the side walls (4, 5) or end walls (6, 7) of the container. When the lids are closed, the free edges of the lids engage one another to form a joint that interlocks the lids together to prevent separation of the joint. Each of the lids has at least one pocket (22) and adjacent finger (21). The finger has a cut-back or wedge-shaped side edge portion (213) and the pocket has a correspondingly flared pocket end portion that receives the cut-back or wedge-shaped end portion to provide the interlock of a finger of one lid with a pocket of a facing lid.

Classifications:

International (IPC 8-9): B65D43/16 (Advanced/Invention);
B65D43/16 (Core/Invention)

International (IPC 1-7): B65D1/22

CPC: B65D43/164 B65D2251/1083

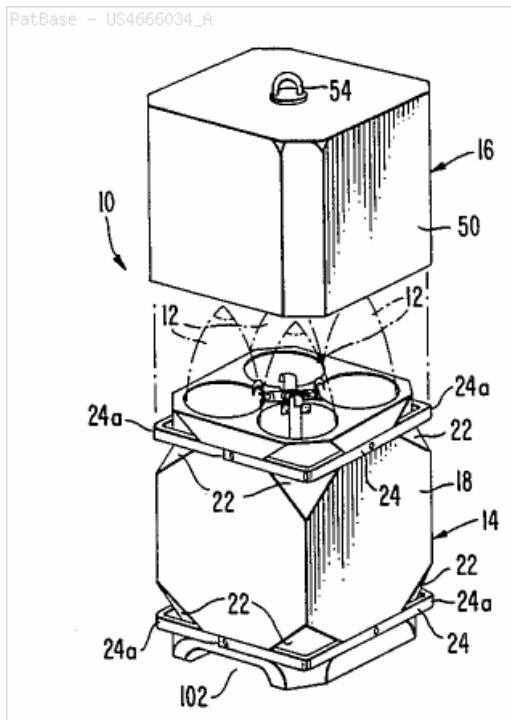
European: B65D43/16C1 L65D251/10H

Publication number	Publication date	Application number	Application date
WO9318975 A1	19930930	WO1993US02276	19930318

US19920853591 19920318

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

US: 206/3 206/443 206/521 206/585 206/589 206/804 220/23.4
220/23.6 220/4.28 220/4F 294/68.1

**Family:**

Publication number	Publication date	Application number	Application date
US4666034 A	19870519	US19860816271	19860106

Priority:

US19860816271 19860106

Probable Assignee:

HARSCO CORP

Assignee(s): (std):

ELLIOTT TIMOTHY F ; JOHNSON BRUCE S

Assignee(s):

HARSCO CORP

Inventor(s): (std):

JOHNSON BRUCE S ; ELLIOTT TIMOTHY F

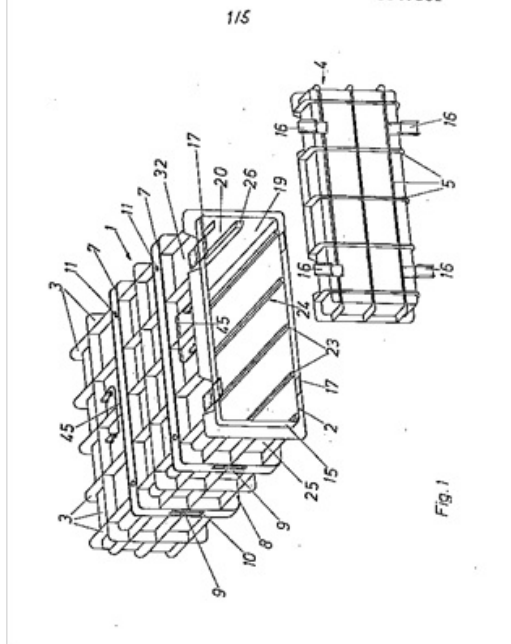
21) Family number: 2002749 (EP0047862A1)

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Title: Stocking and transporting container for munition.

Abstract: 1. A stocking and transporting container (1) for munition, having a box-shaped receiving space for shells (18) to be stocked in two planes in the receiving space, which can be closed and opened by a container cover (4) by means of snap closures (16), the container (1) consisting of plastics material and having the basic shape of a flat parallelepiped with an open end (2), the container cover (4) likewise consisting of plastics material being associated with the open end of the parallelepiped and the receiving space comprising two guide chambers (19, 20) disposed one above the other, characterised in that the guide chambers (19, 20) are each provided with a container drawer (21, 22) for receiving shells (18) in a row, and particularly for receiving shells or grenades in belts, in that the carrier drawers (21, 22) consist of individual elements (34) which are articulated one to another, preferably in that the individual elements are shaped each to receive two shells (18) true to shape and to support them at the under side and are provided at their two ends (42) with bevels (44) of at least about 45 degrees extending to their bottom surface (43), and in that the two carrier drawers (21, 22) are attached to the end of the container opposite to the container cover by at least one resilient belt (35) or the like resilient coupling member.

Classifications:**International (IPC 8-9):** F41A9/79 F42B39/26 (Advanced/Invention)**International (IPC 1-7):** B65D85/30 F42B37/02**CPC:** F41A9/79 F42B39/26**European:** F41A9/79 F42B39/00 F42B39/26

**Family:**

Publication number	Publication date	Application number	Application date
DE3033481 A1	19820325	DE19803033481	19800905
DE3033481 C2	19850221	DE19803033481	19800905
EP0047862 A1	19820324	EP19810106273	19810812
EP0047862 B1	19840314	EP19810106273	19810812

Priority:

DE19803033481 19800905

Probable Assignee: STREUBER SULO EISENWERK F**Assignee(s):** (std): STREUBER SULO EISENWERK F**Assignee(s):** SULO EISENWERK STREUBER AND LOHMANN GMBH AND CO KG 4900 HERFORD DE**Inventor(s):** (std): NICHTNENNUNG ANTRAG AUF ; SCHINKE FRIEDEL**Inventor(s):** VERZICHT DES ERFINDERS AUF NENNUNG**Designated states:** CH FR GB IT LI**22) Family number: 961882 (US3593873A)**

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Title: CONTAINER FOR CYLINDRICAL ARTICLES

Abstract: (Claim 1) 1. 1. A container for substantially elongated articles, especially cartridges, ampullae, and bottles, which comprises: a box, and a partitioned carrier having a vertical central axis and a longitudinal axis and adapted to be inserted into and to be withdrawn from said box, said box and said carrier being provided with at least two series of cooperating abutment means operable respectively to become effective when inserting said carrier into said box in a first position and when inserting said carrier into said box after turning said carrier by 180 DEG about one of said two axes relative to said first position, said box having a bottom, sidewalls, and end walls, and being open at the top, said carrier when inserted in said box having first partition means extending substantially parallel to said bottom and also having second partition means substantially parallel to said end walls and also having third partition means substantially parallel to said sidewalls, said first partition means being provided with holes having their axes substantially perpendicular to the plane of said first partition means, said third partition means being provided with abutment members protruding from one longitudinal free edge and also being provided with recess means on its opposite longitudinal free edge, said last mentioned recess means being offset with regard to said abutment

Classifications:

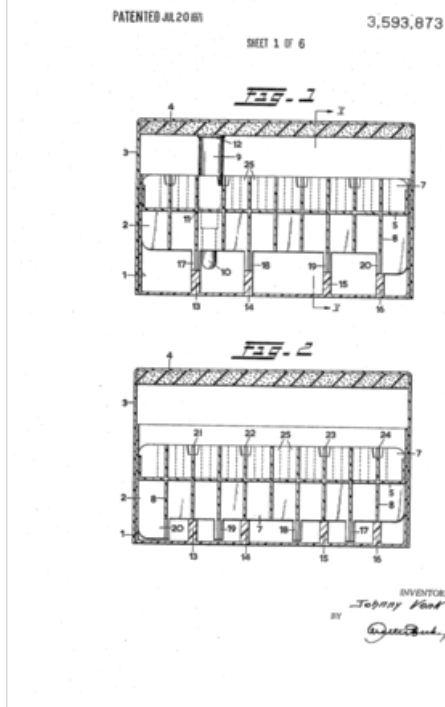
International (IPC 8-9): B65D25/06 F42B39/26 (Advanced/Invention);
B65D25/04 F42B39/00 (Core/Invention)

International (IPC 1-7): B65D25/06 B65D85/20 B65D85/42

CPC: B65D25/06 F42B39/26

European: B65D25/06 F42B39/00 F42B39/26

US: 206/3 206/538 206/539 220/21 220/507 220/528

**Family:**

Publication number	Publication date	Application number	Application date
US3593873 A	19710720	US19680761941	19680924

Priority:

NL19680000725 19680522

Probable Assignee:	NL WAPEN EN MUNITEFABR
Assignee(s): (std):	NL WAPEN EN MUNITEFABR
Assignee(s):	NEDERLANDSCHE WAPEN EN MUNITEFABR
Inventor(s): (std):	VONK JOHNNY
Inventor(s):	JOHNNY VONK

23) Family number: 19892270 (GB722347A)

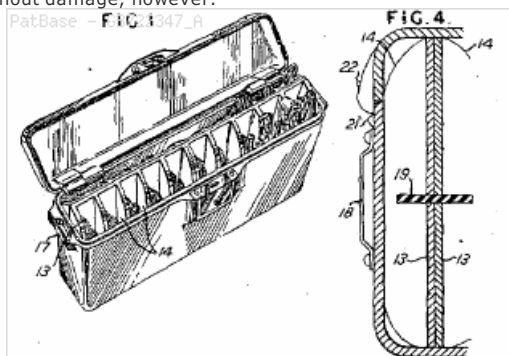
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Title: Improvements in portable containers

Abstract: 722,347. Boxes. BLAGDON, G. April 17, 1953 [April 28, 1952], No. 10577/52. Class 18. [Also in Group XXI] A box for detonators comprises a moulded base and transparent hinged lid and has partitioning elements 13 each comprising a backing plate with webs 14. Inserts 19 of spring metal or rubber in the elements 13 secure the contents against falling out. Bars 17 and loops 18 are provided for carrying straps, c. A projection 22 on the lid hinges engages lugs 21 on the body to limit the lid's opening. The lid can be forced past the limit position without damage, however.

Classifications:**International (IPC 8-9):** B65D81/05 F42B39/26 (Advanced/Invention);

B65D81/05 F42B39/00 (Core/Invention)

International (IPC 1-7): F42B39/00**CPC:** B65D81/05 F42B39/26**European:** B65D81/05 F42B39/00 F42B39/26**Family:**

Publication number	Publication date	Application number	Application date
GB722347 A	19550126	GB19520010577	19520428

Priority:

GB19520010577 19520428

Probable Assignee:	GEORGE BLAGDON
Assignee(s): (std):	GEORGE BLAGDON