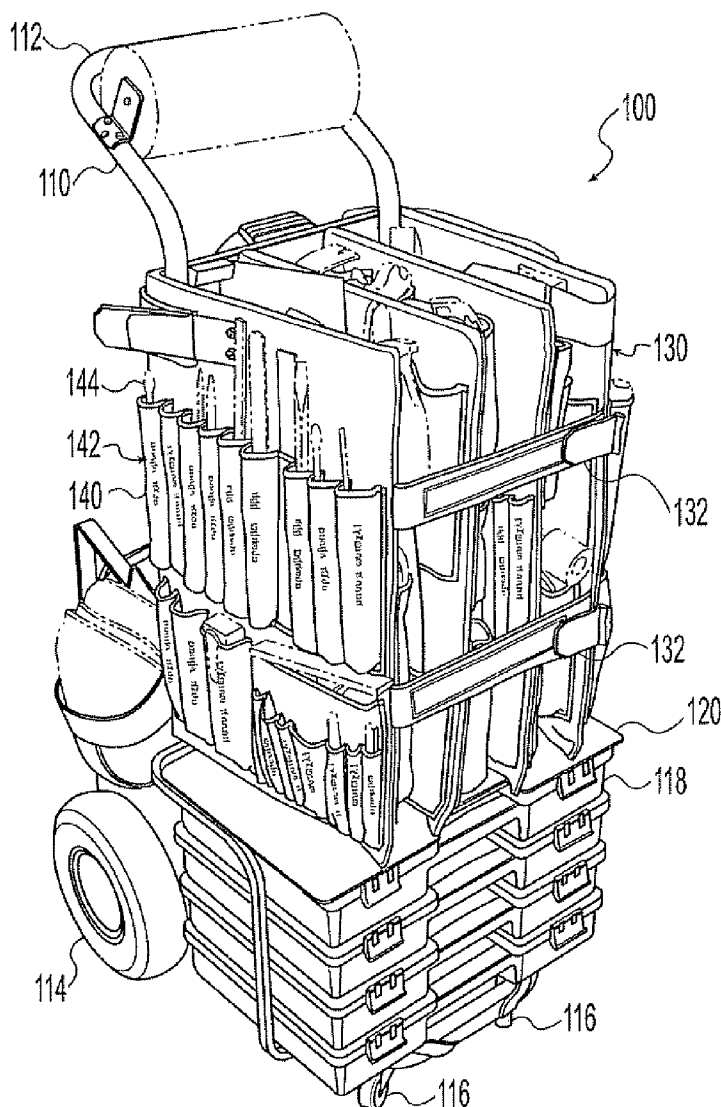




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(19) **United States**(12) **Patent Application Publication**
Guirlinger(10) **Pub. No.: US 2008/0128305 A1**(43) **Pub. Date: Jun. 5, 2008**(54) **TOOL BAG**continuation-in-part of application No. 10/667,251,
filed on Sep. 19, 2003, now Pat. No. 6,945,546.(76) Inventor: **Edward G. Guirlinger**, New
Albany, OH (US)**Publication Classification**Correspondence Address:
**BENESCH, FRIEDLANDER, COPLAN &
ARONOFF LLP**
ATTN: IP DEPARTMENT DOCKET CLERK
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224/257(21) Appl. No.: **12/029,173**(22) Filed: **Feb. 11, 2008**(57) **ABSTRACT****Related U.S. Application Data**(63) Continuation of application No. 11/166,903, filed on
Jun. 24, 2005, now Pat. No. 7,328,905, which is aA tool bag is disclosed. According to one embodiment, the
tool bag includes a plurality of tool fasteners, a plurality of
tool indicia, and a means for attaching the tool bag to a tool
organizer. Each tool indicia is associated with a tool fastener.

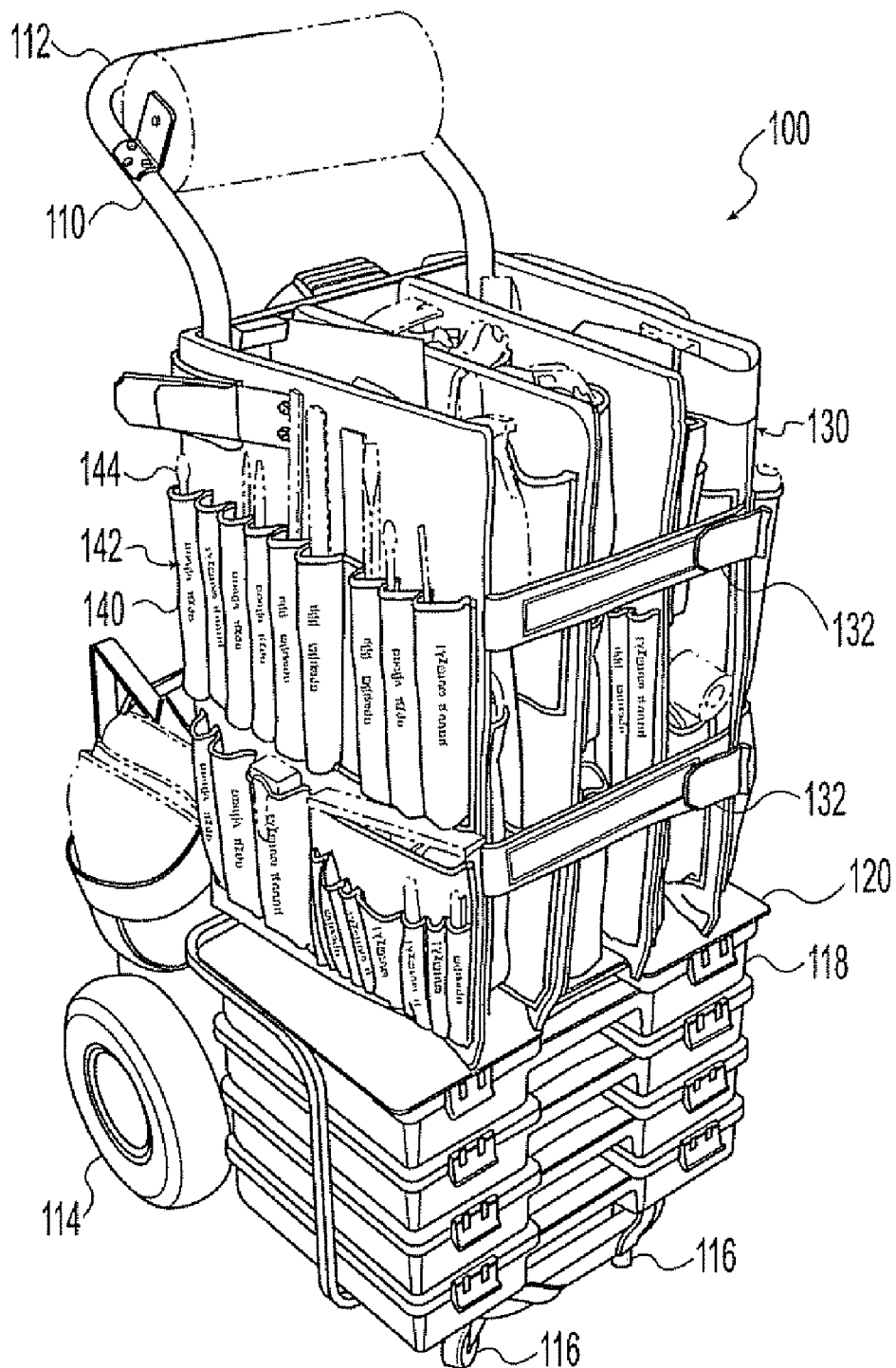


Fig. 1

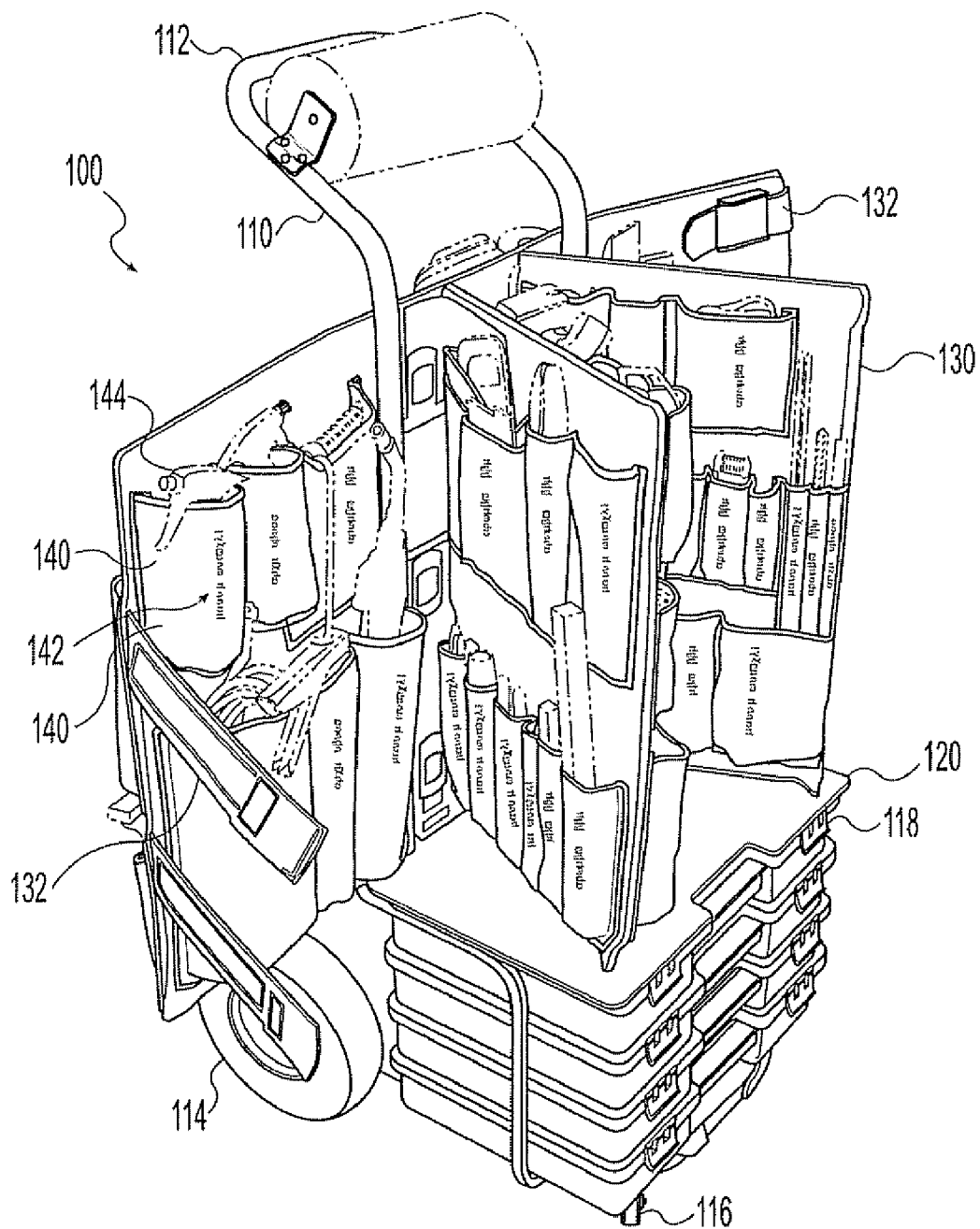


Fig. 2

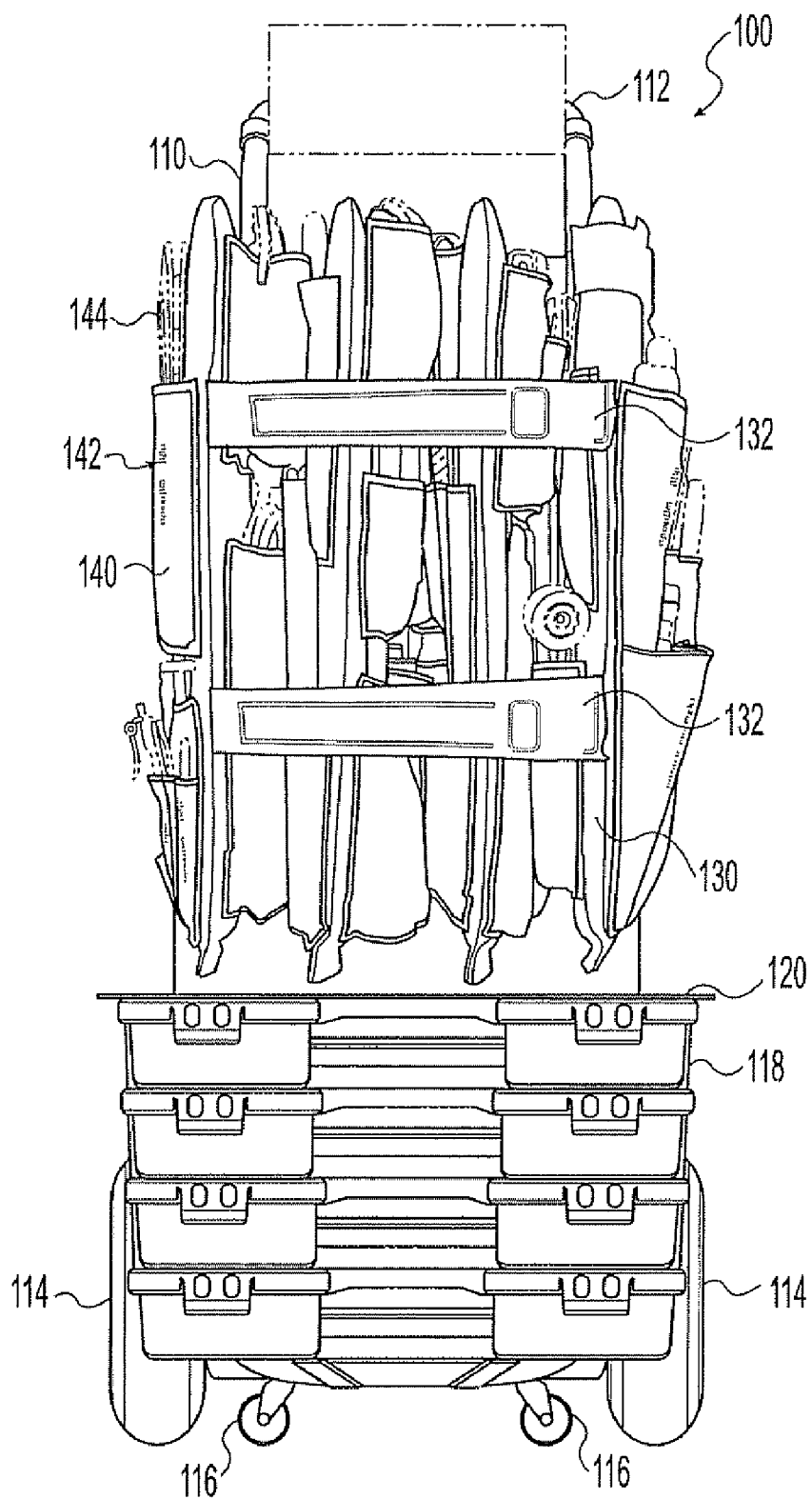


Fig. 3

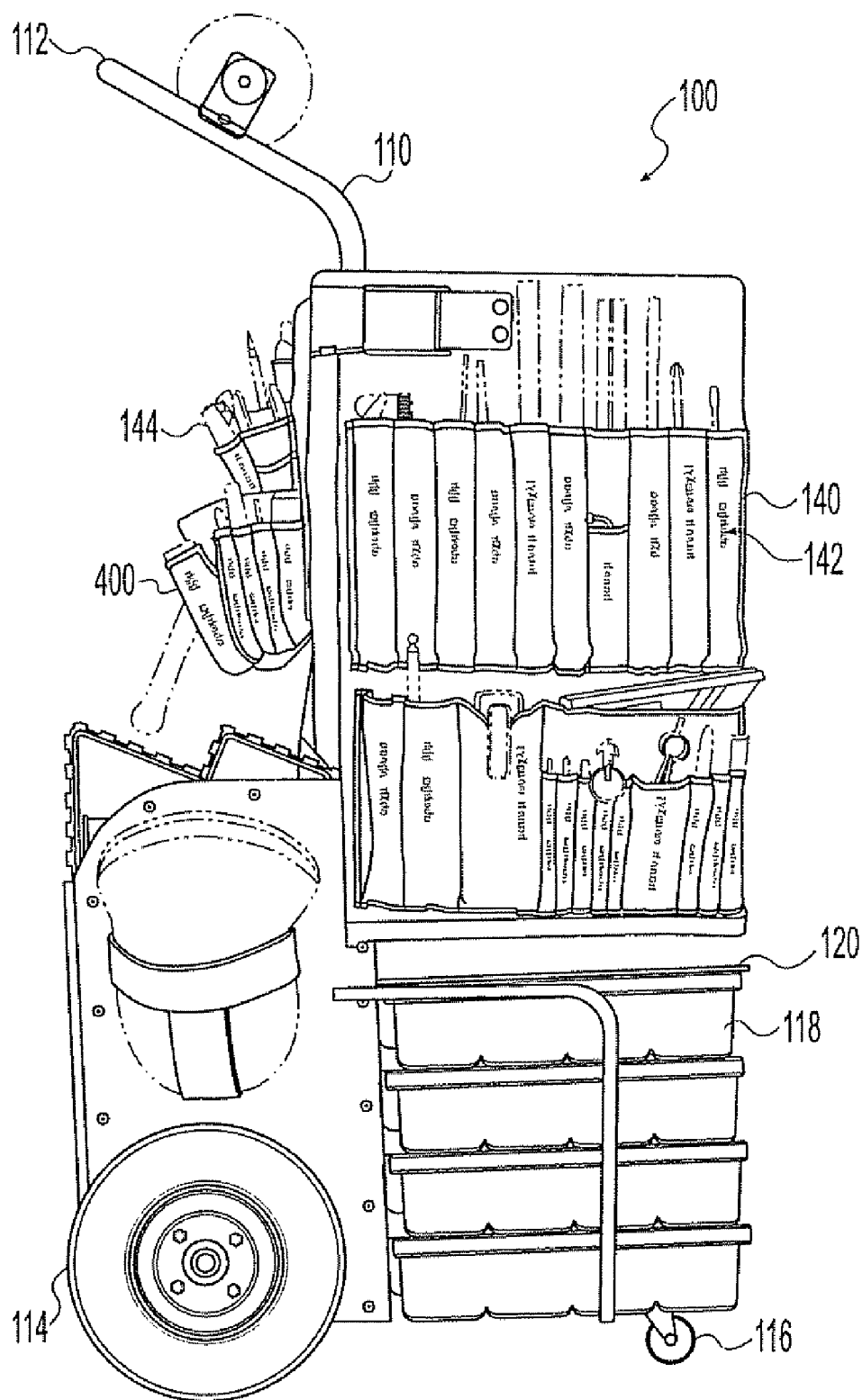


Fig. 4

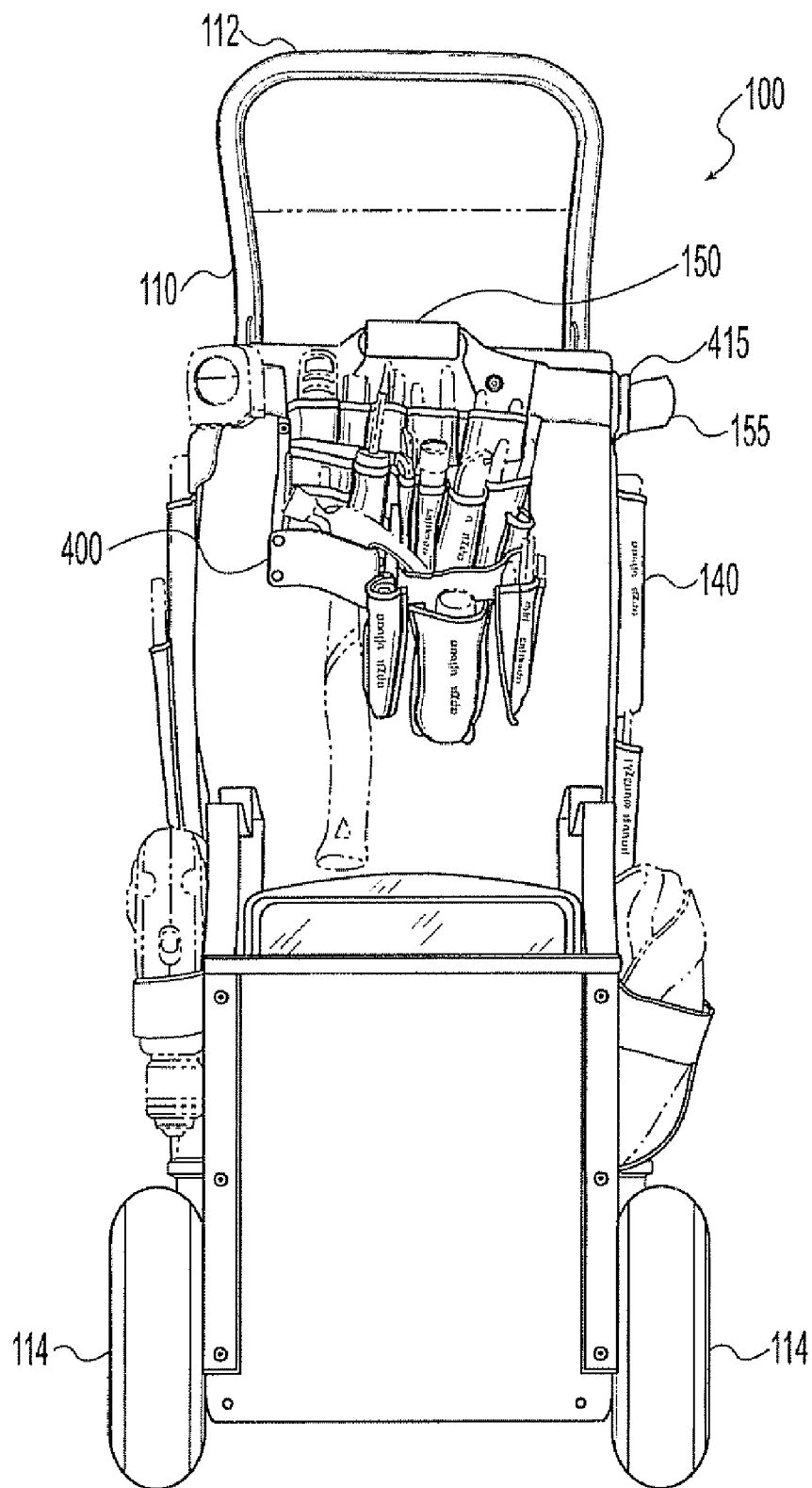


Fig. 5

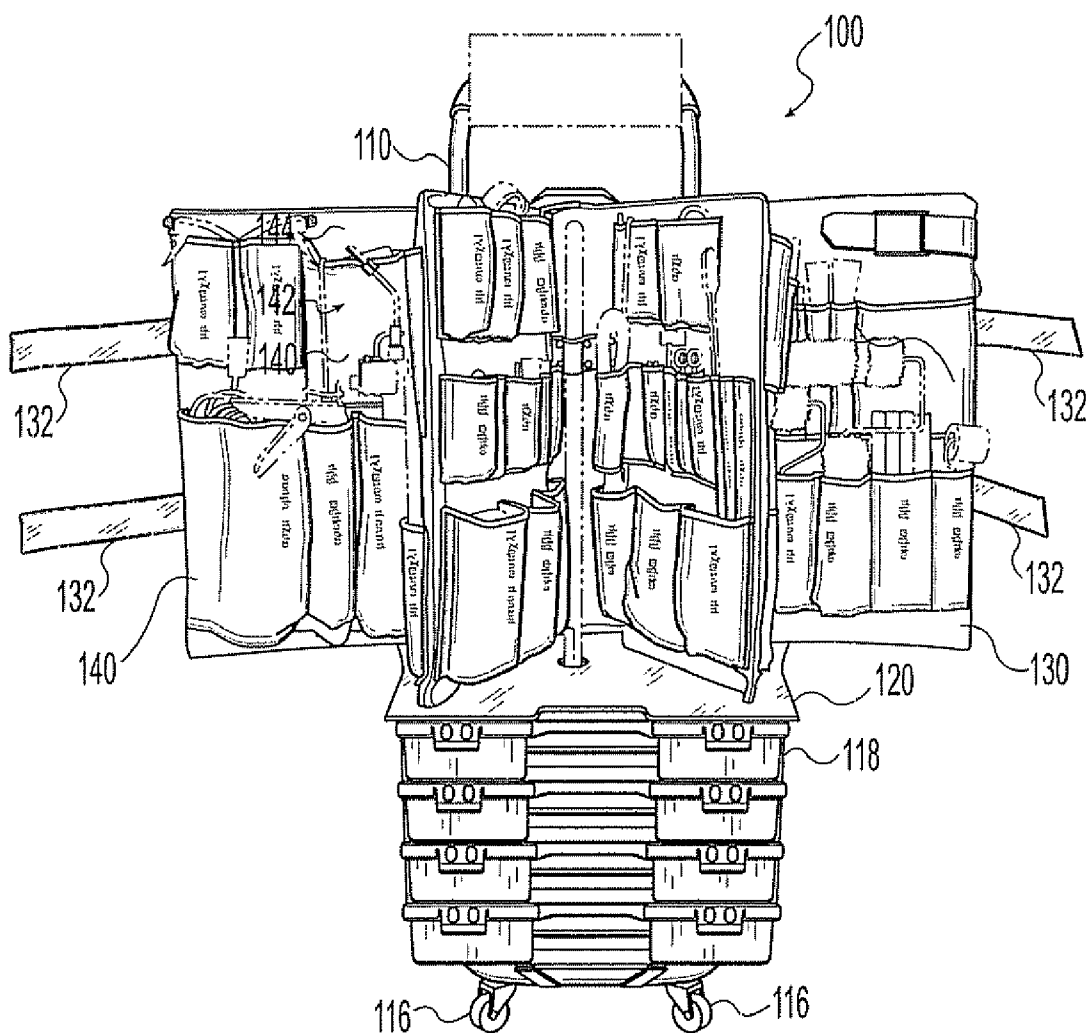


Fig. 6

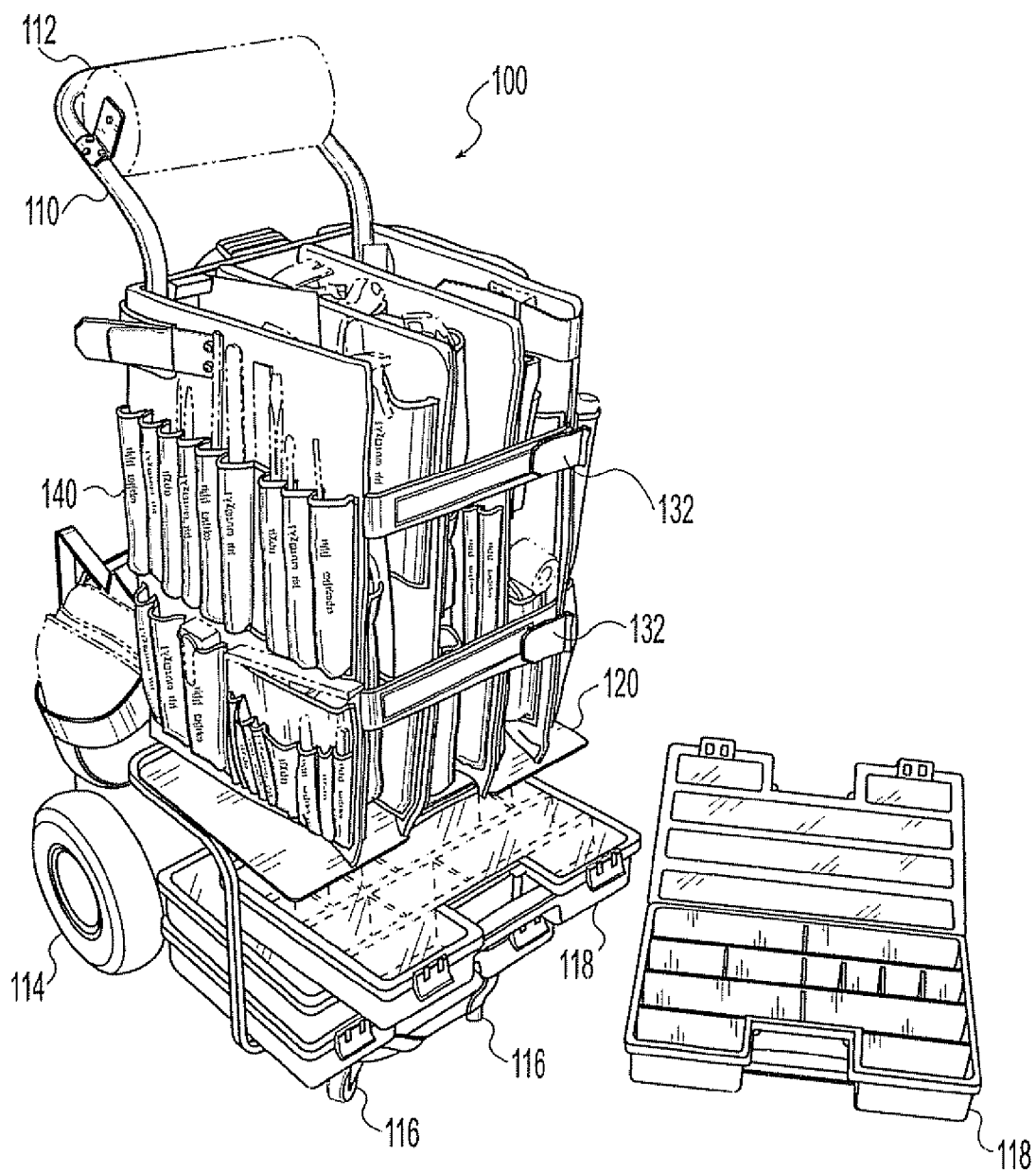


Fig. 7

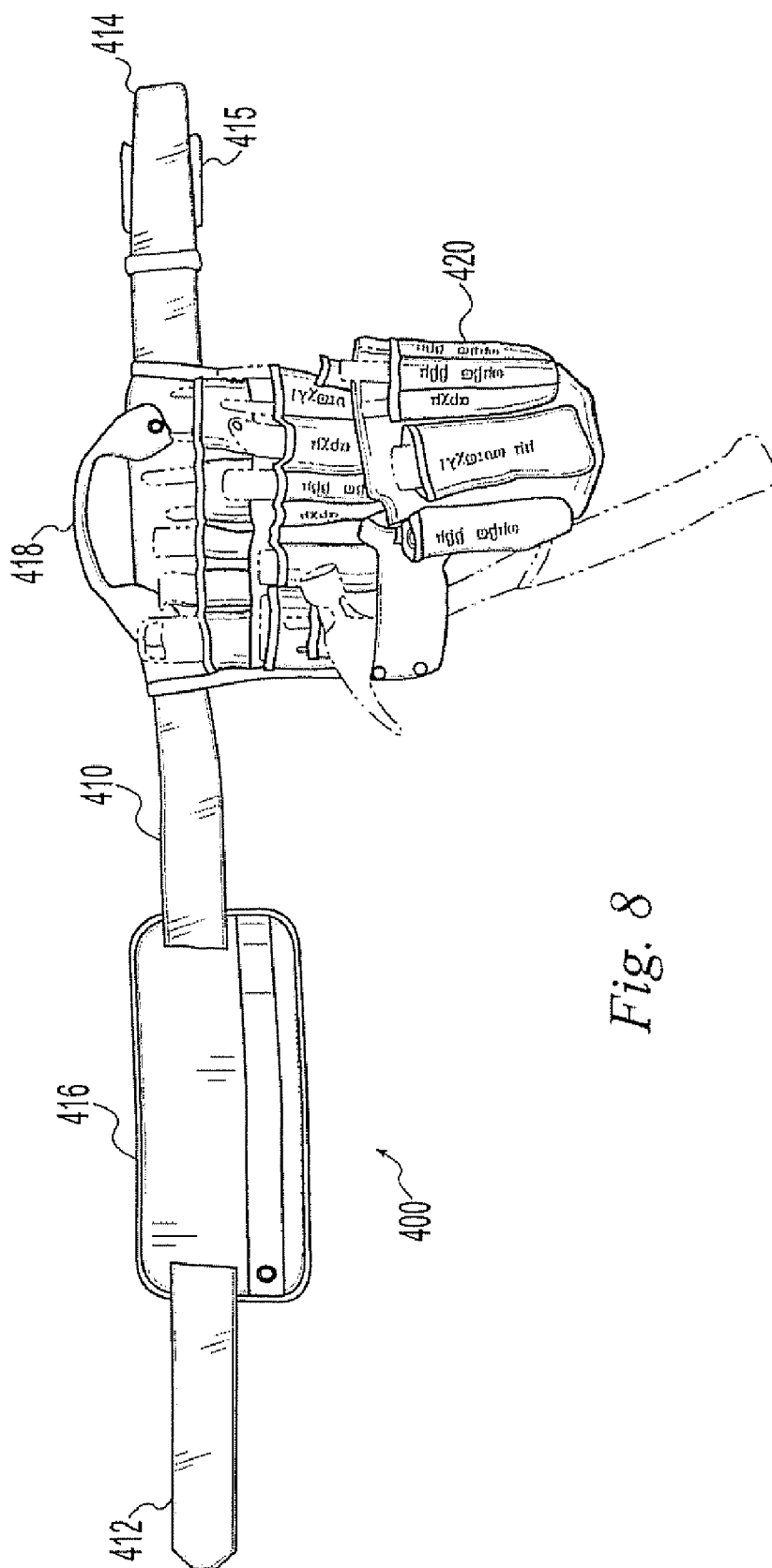


Fig. 8

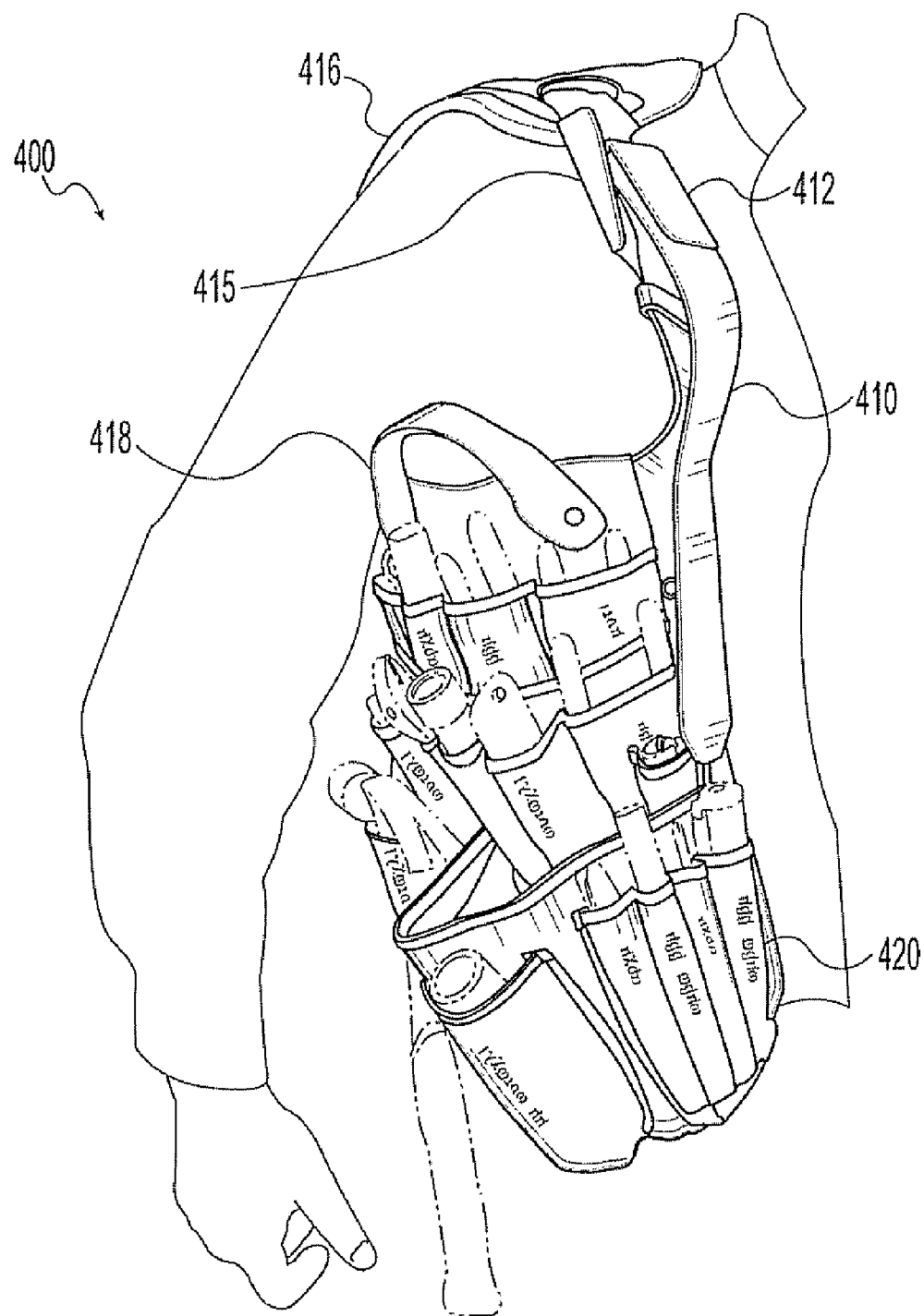


Fig. 9

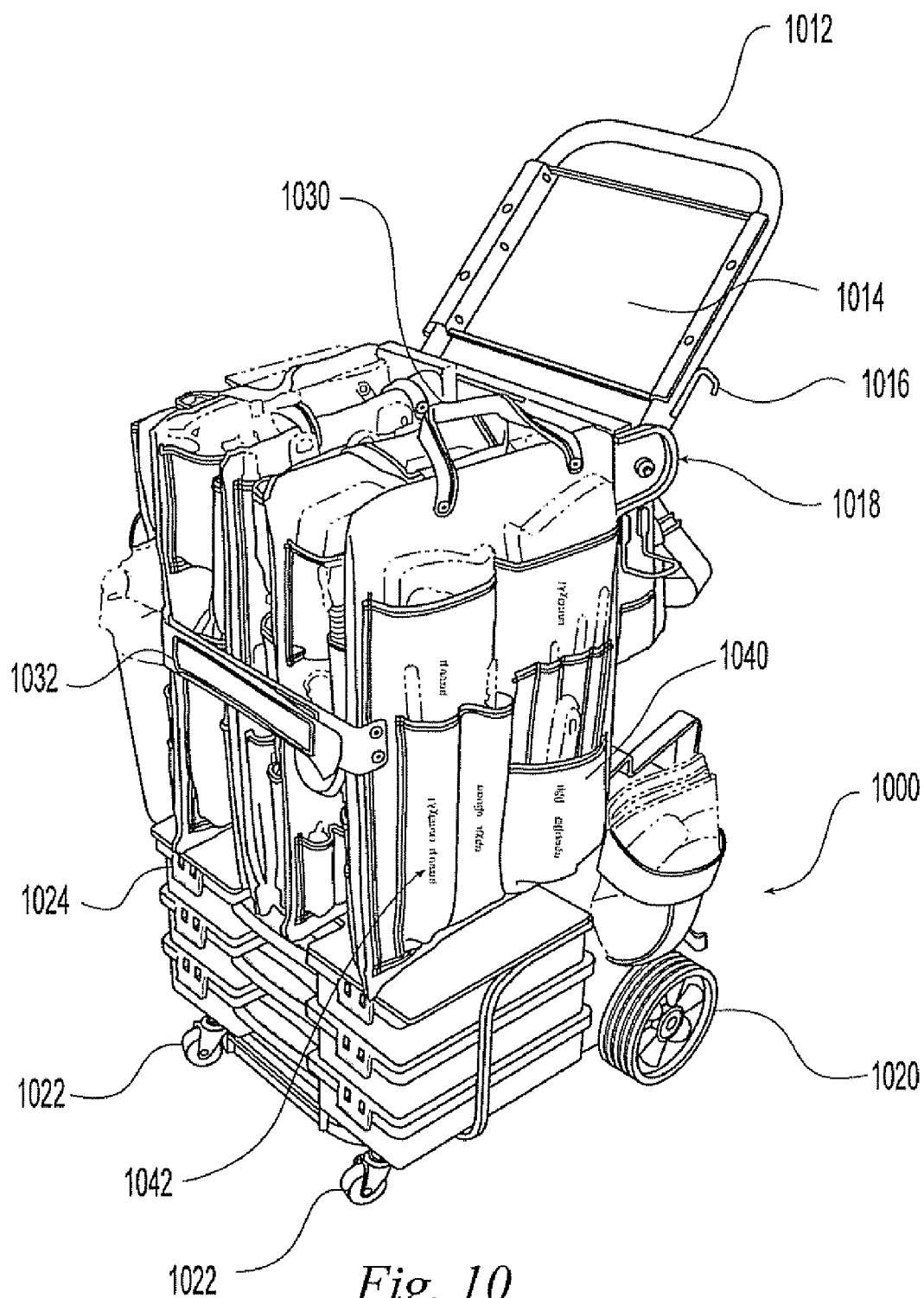


Fig. 10

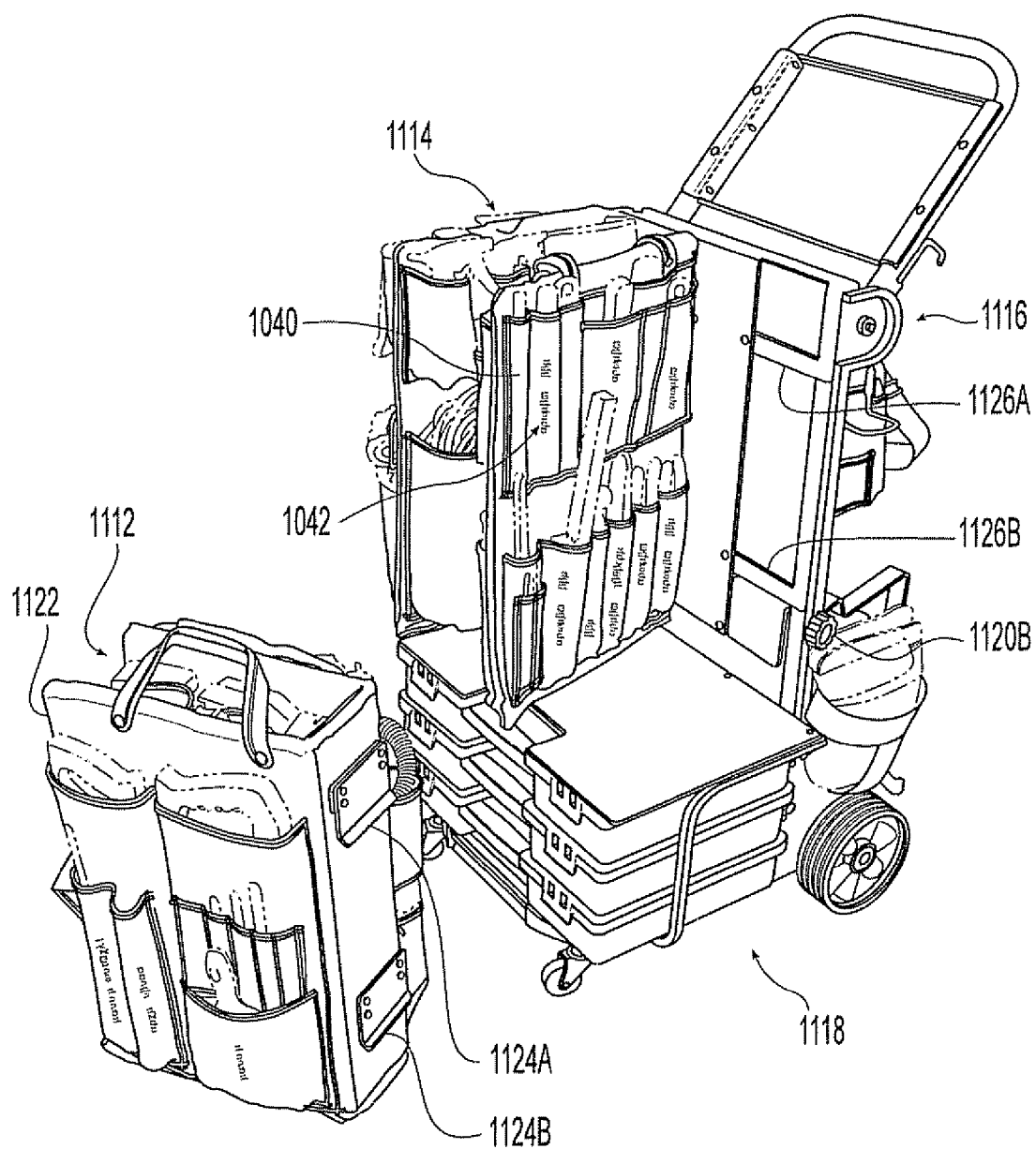


Fig. 11

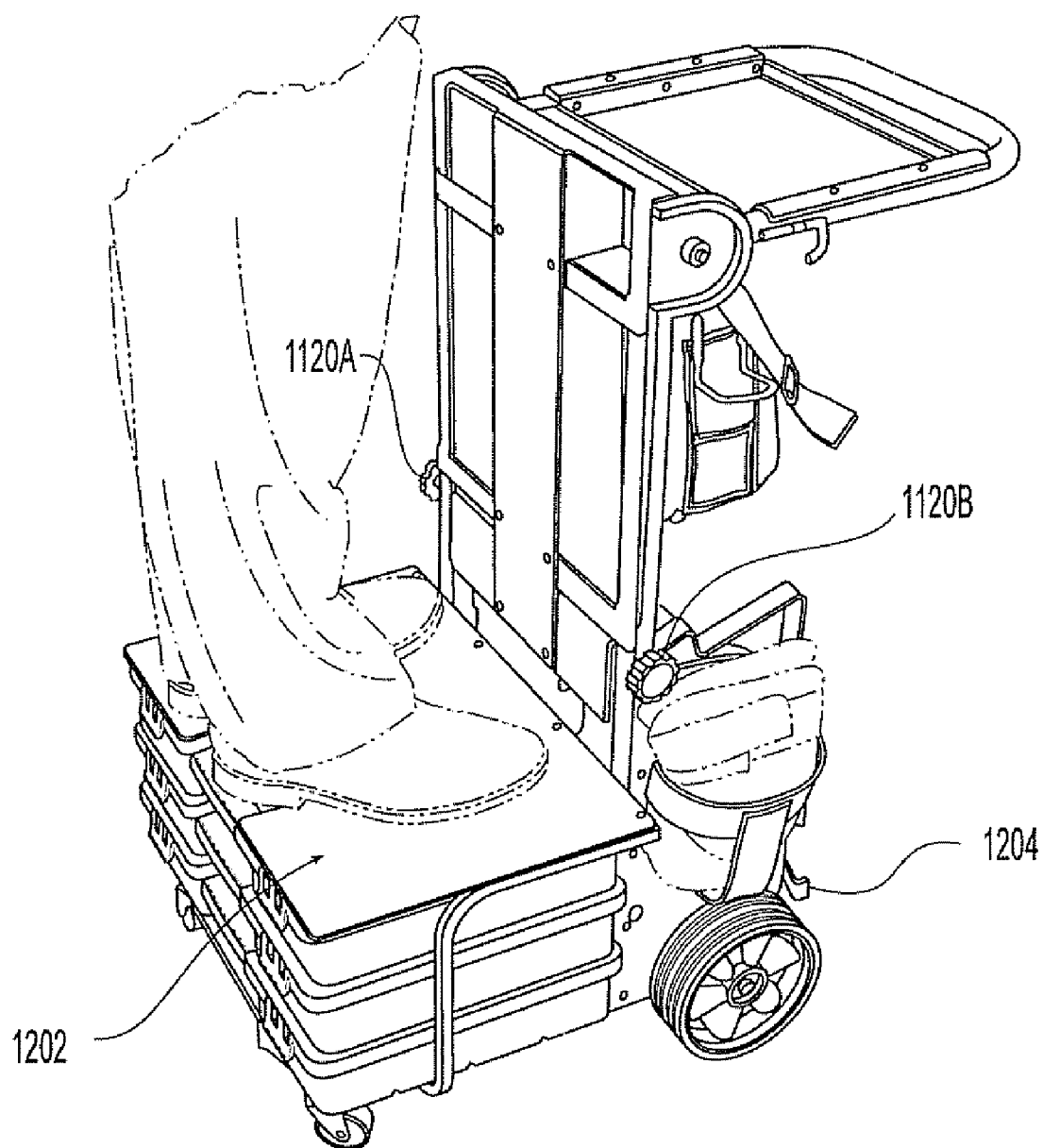


Fig. 12

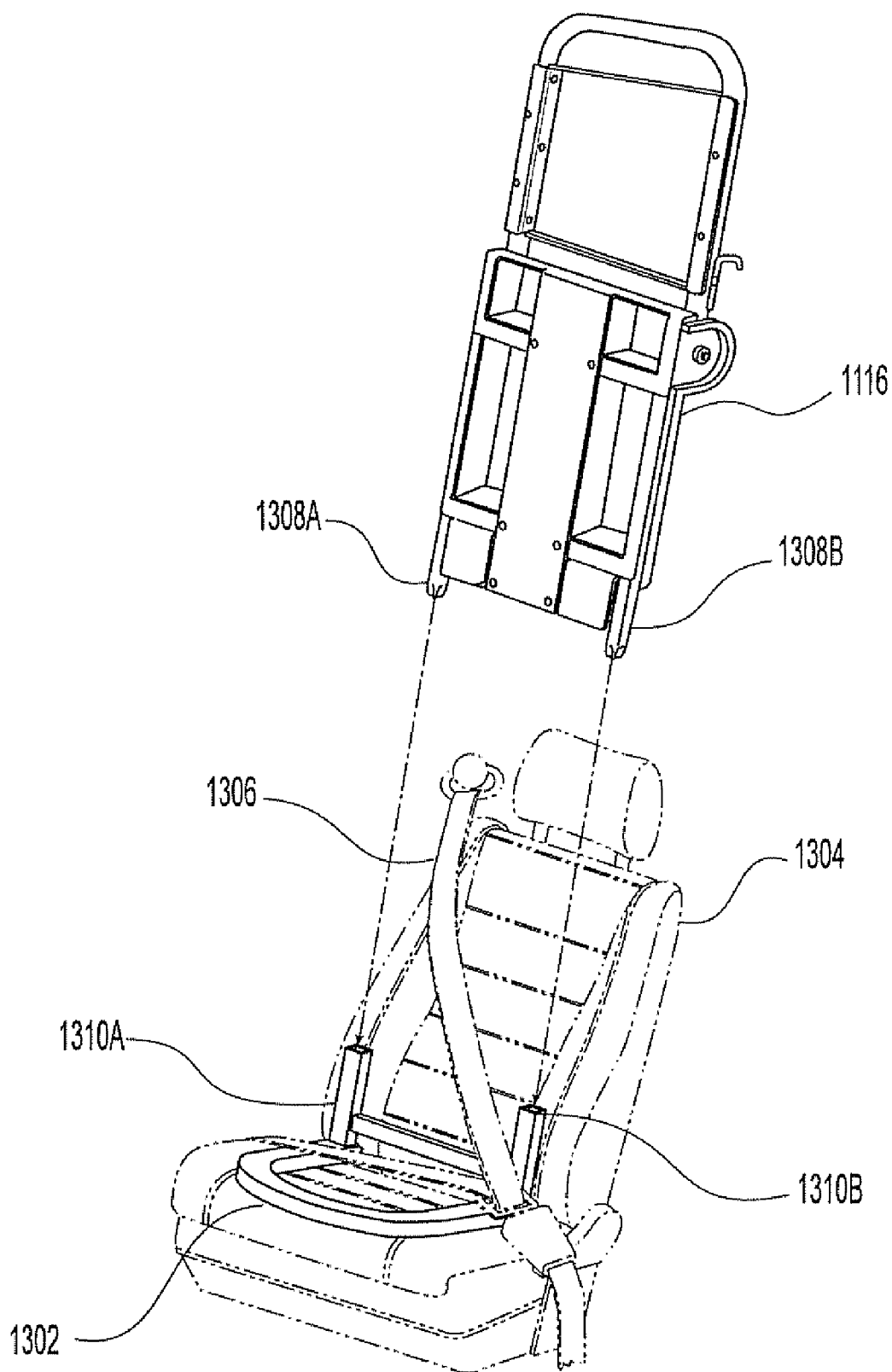


Fig. 13

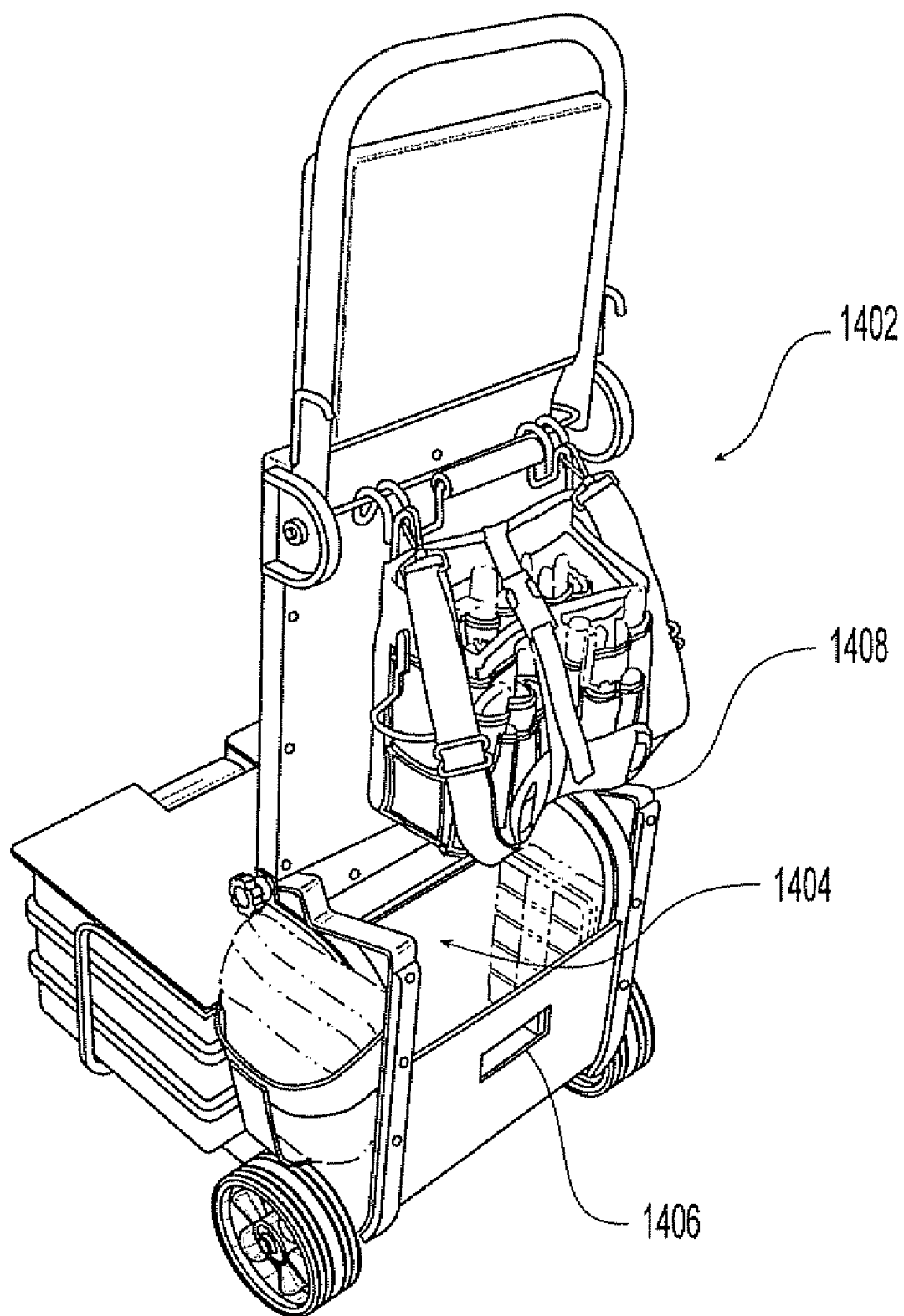


Fig. 14

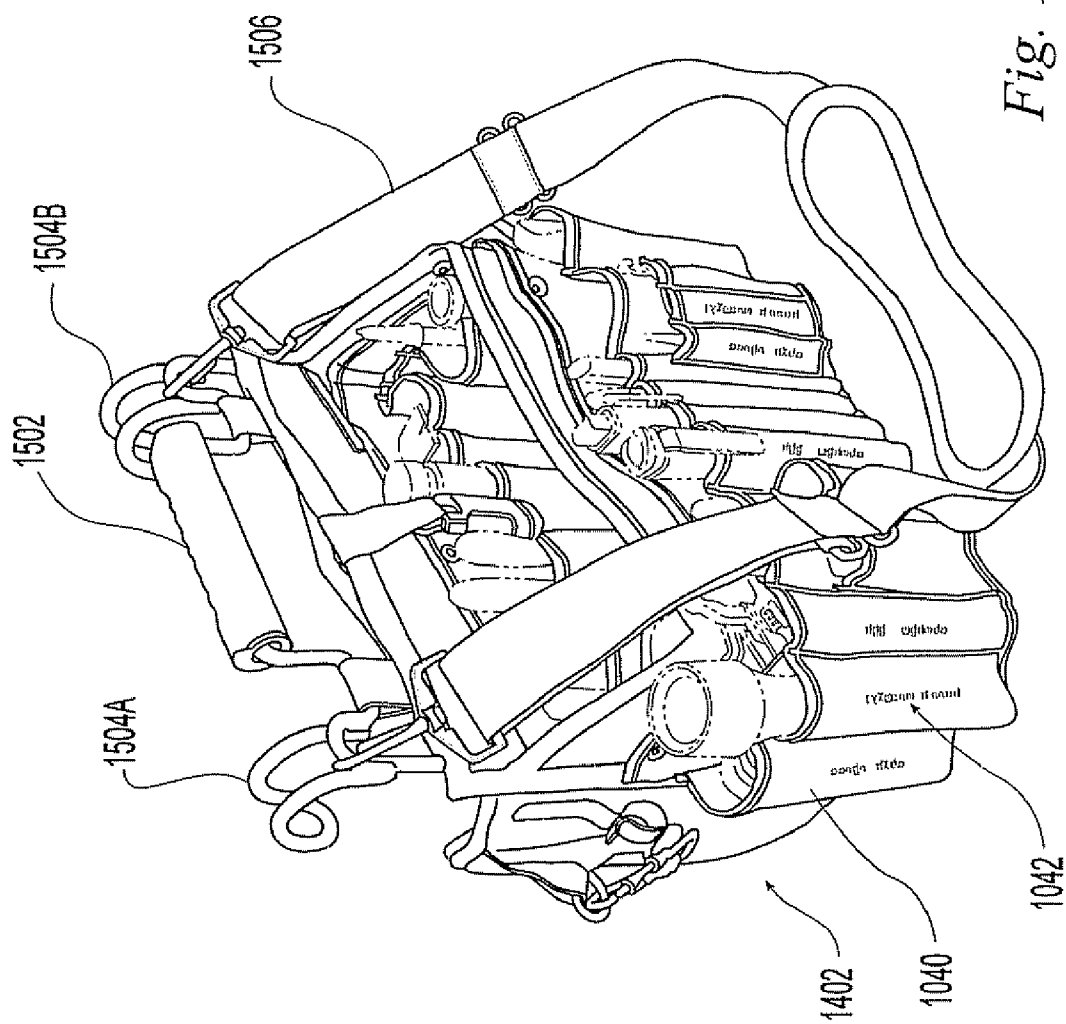
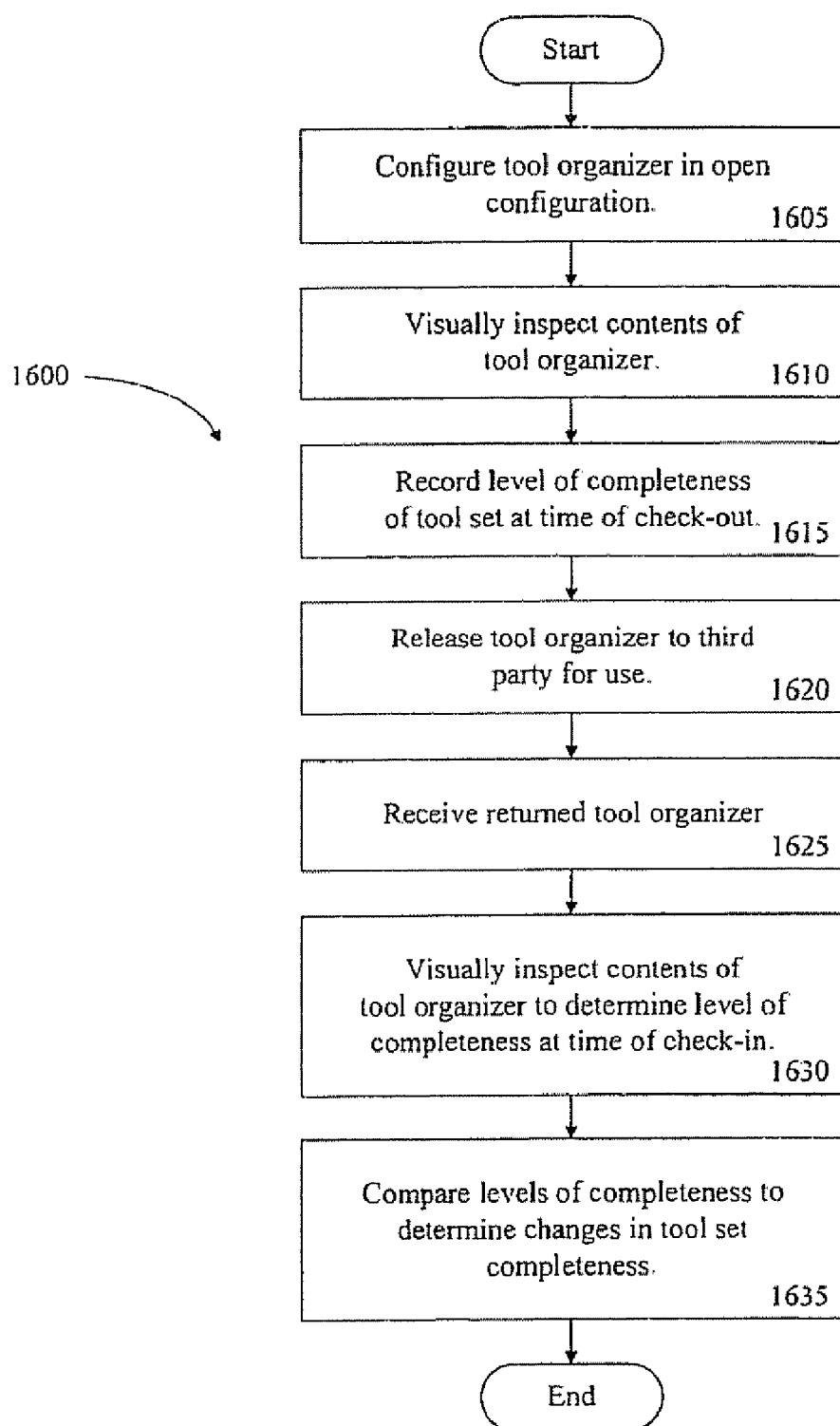


Fig. 15

*Fig. 16*

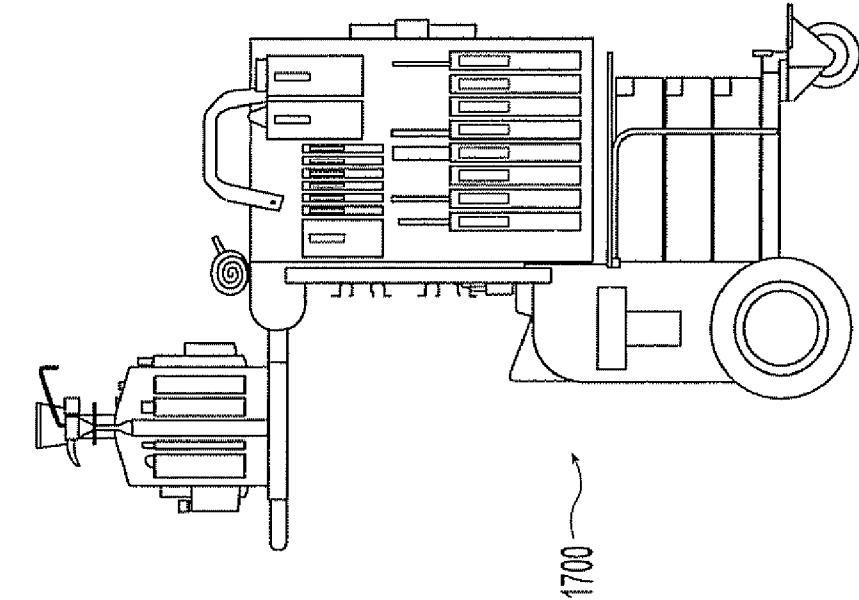


Fig. 17A

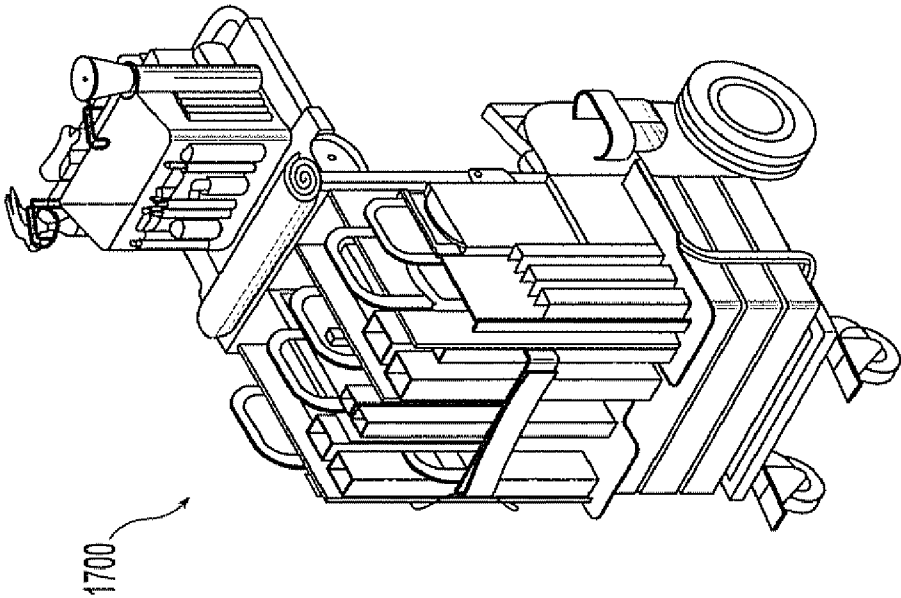


Fig. 17B

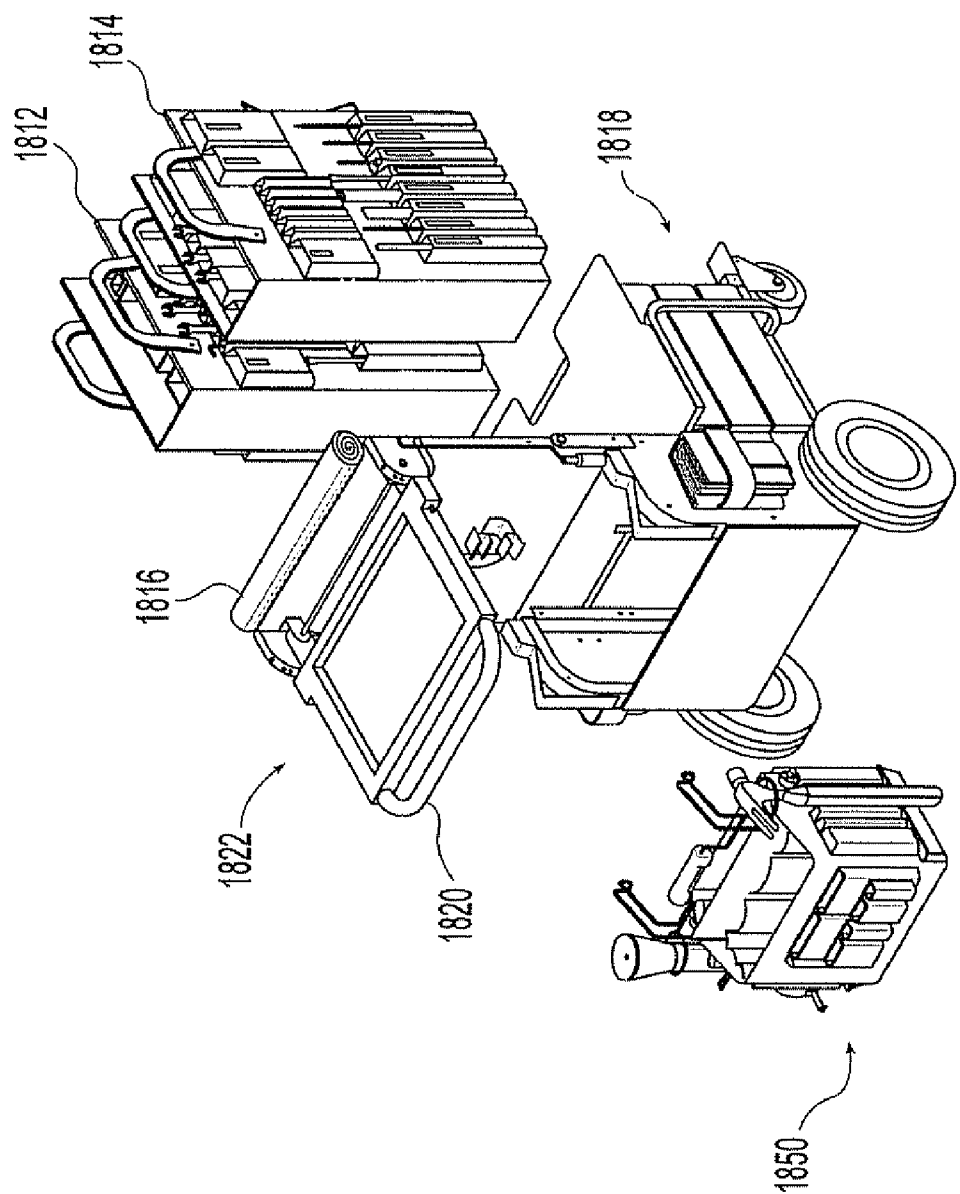
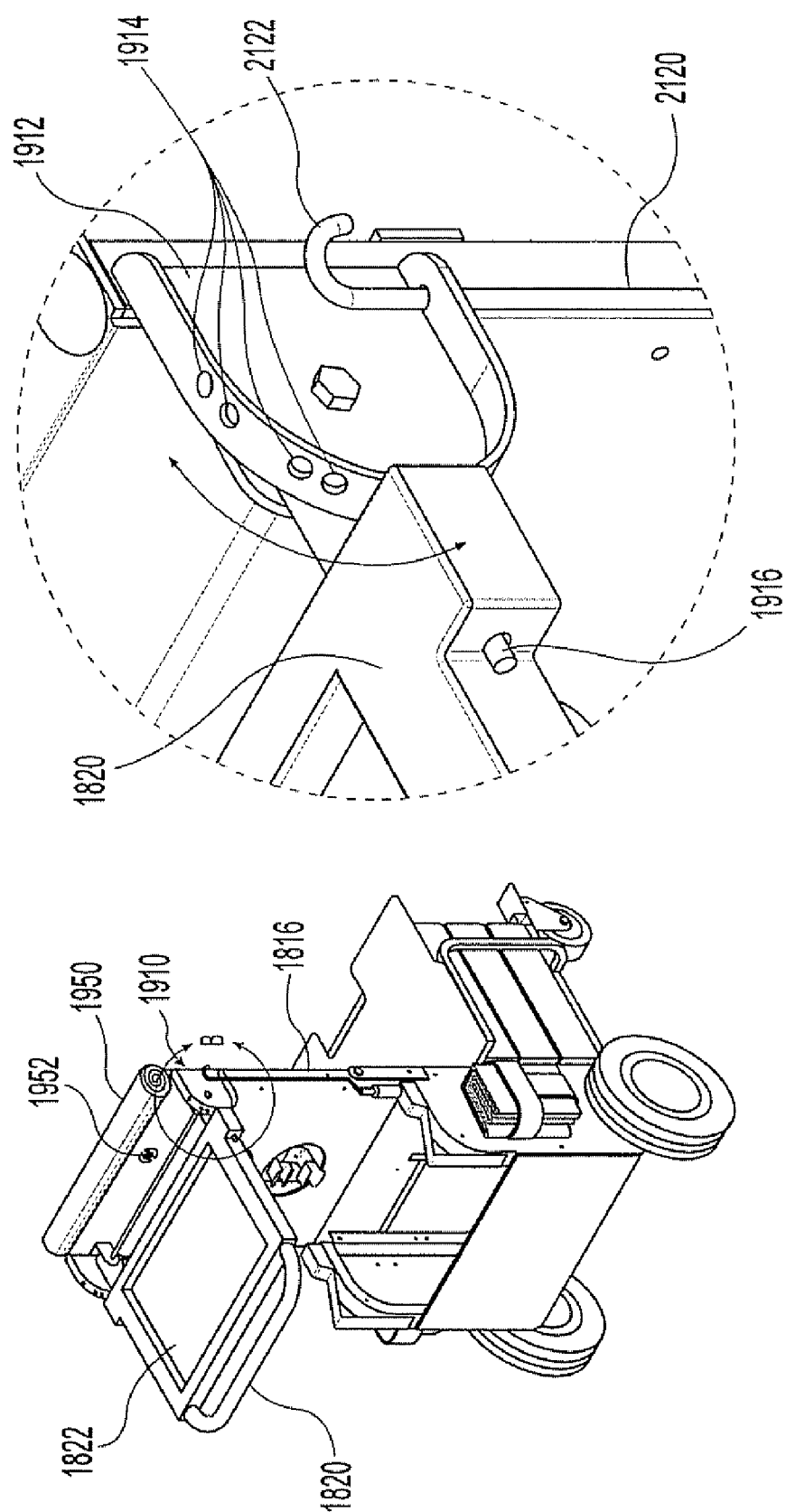


Fig. 18



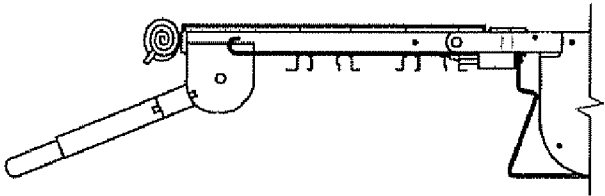


Fig. 20A

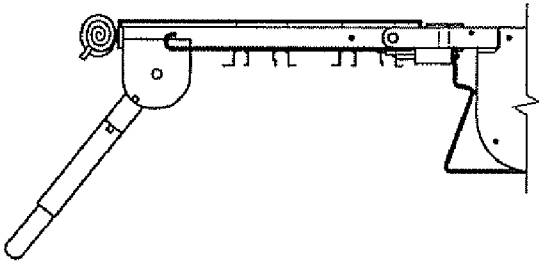


Fig. 20B

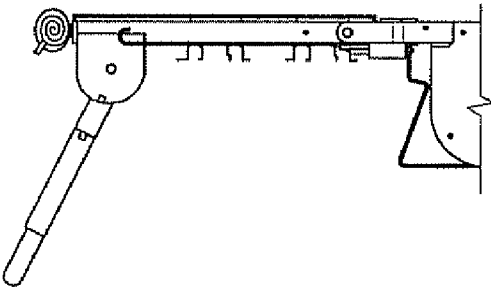


Fig. 20C

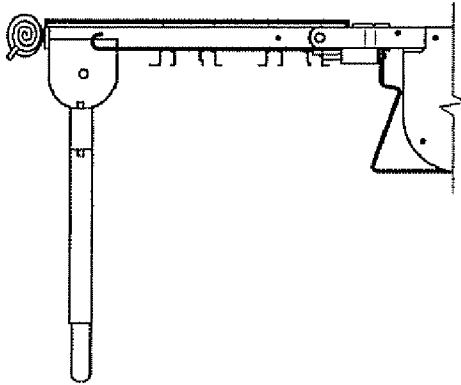


Fig. 20D

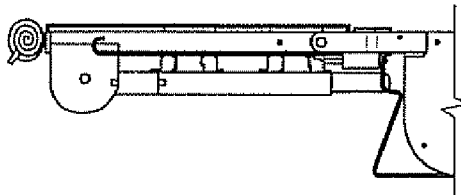


Fig. 20E

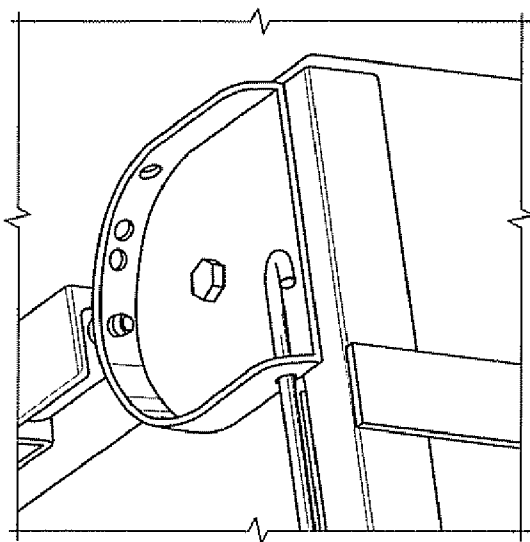


Fig. 21D

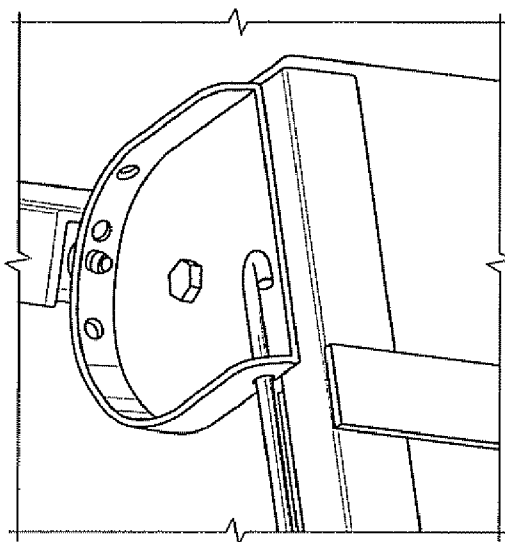


Fig. 21C

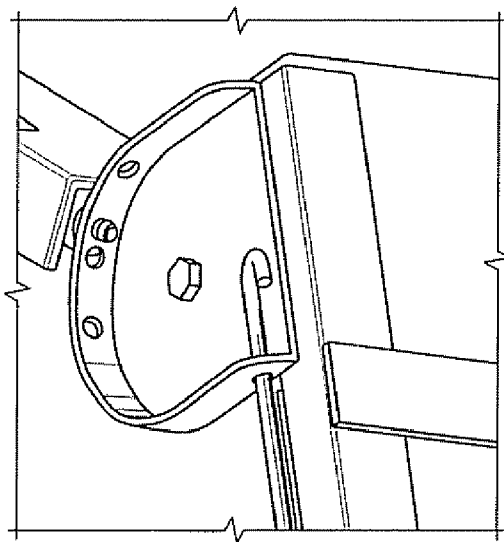


Fig. 21B

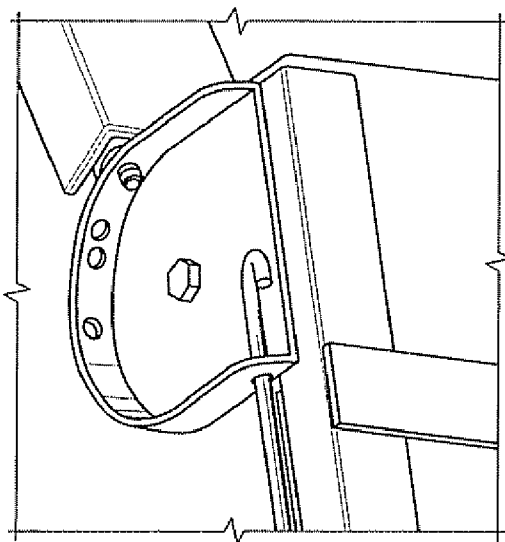


Fig. 21A

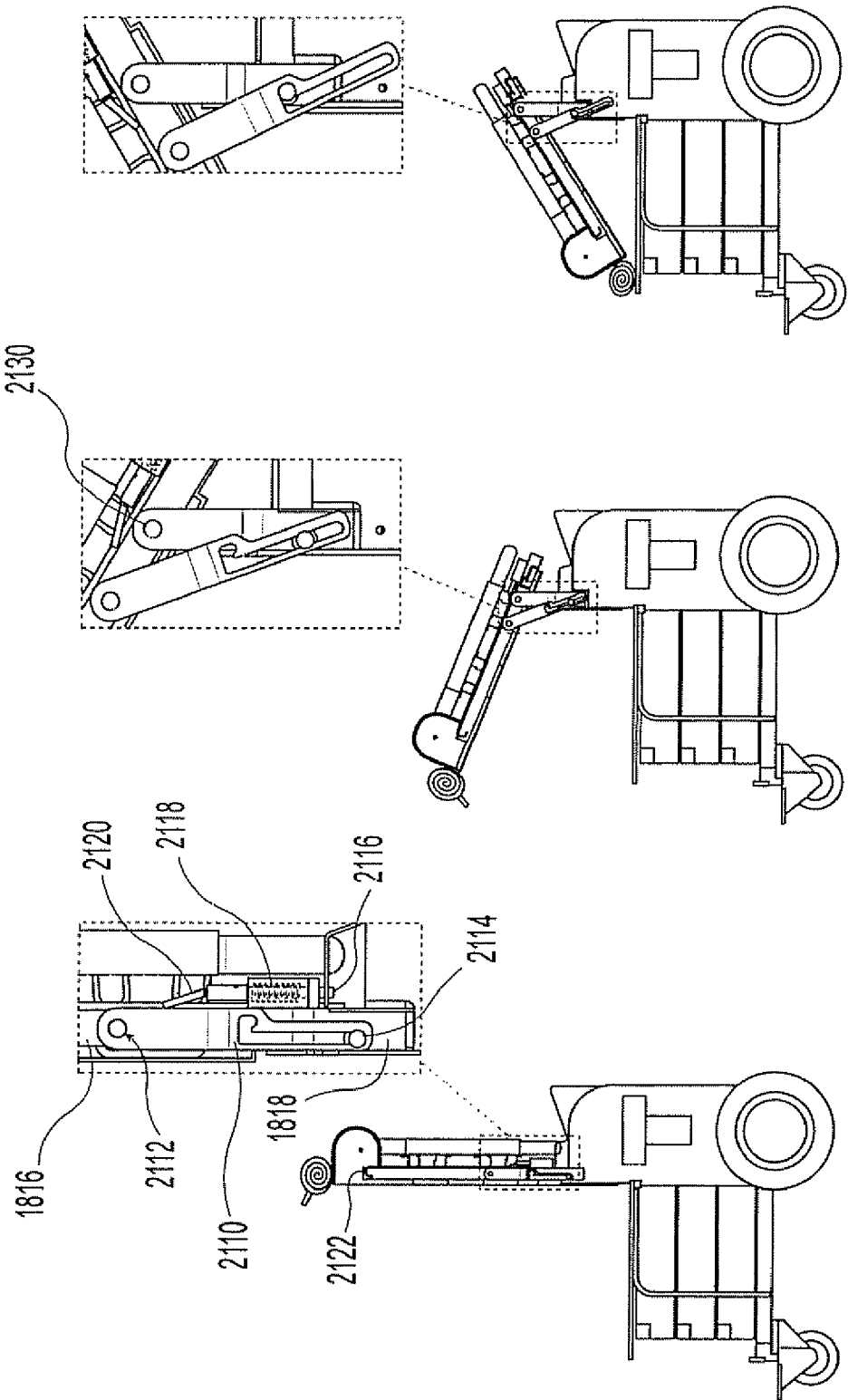


Fig. 22C

Fig. 22B

Fig. 22A

TOOL BAG

RELATED APPLICATIONS

[0001] The present application is a Continuation of U.S. application Ser. No. 11/166,903, filed Jun. 24, 2005, which is a Continuation-In-Part of U.S. application Ser. No. 10/667,251, filed Sep. 19, 2003, issued as U.S. Pat. No. 7,210,689. The entirety of the above-referenced applications are incorporated by reference herein for all purposes.

BACKGROUND OF THE INVENTION

[0002] 1. Field of the Invention

[0003] The present invention relates generally to portable tool boxes, chests, containers and organizers for storing, transporting and organizing sets of tools. Specifically, the present invention relates to a tool bag for use in cooperation with a wheeled tool organizer having vertical tool supports which may be disposed in an open or closed configuration, facilitating a visual inspection of all tools when disposed in the open configuration.

[0004] 2. Description of the Related Art

[0005] Portable tool boxes and tool cabinets are well known for storing and transporting tool sets. For example, U.S. Pat. No. 5,378,005 describes a portable tool truck invented by George Norton. The '005 device comprises a plastic body with a compartment formed in the front face of the body adapted to retain tools therein, and two doors mounted on either side of the body. The doors pivot in opposite directions into an overlapping arrangement that seals off the compartment formed by the face of the body. While the invention of Norton is adequate for retaining and transporting tools, it does not facilitate taking a visual inventory of all of the tools retained therein. Further, the invention of Norton fails to provide a specific place for each tool of a tool set.

SUMMARY OF THE INVENTION

Advantages of the Invention

[0006] The present invention provides numerous advantages and benefits over prior art tool bags and tool organizers. Such advantages and benefits will be readily ascertained by those of ordinary skill in the related arts.

[0007] According to a first aspect of the present invention, a first example tool bag is provided. The tool bag includes a plurality of tool fasteners, a plurality of tool indicia, and a means for attaching the tool bag to a tool organizer. Each tool indicia is associated with a tool fastener.

[0008] According to a second aspect of the present invention, a second example tool bag is provided. The second example tool bag includes a rigid frame. The frame comprises an integrated handle, at least one integrated hook disposed along the top of the frame, and at least one contour disposed along the top of the frame. The contour is capable of retaining an attachable shoulder belt.

[0009] The second example tool bag further includes a flexible covering. The flexible covering comprises a plurality of pockets and a plurality of tool indicia. Each tool indicia is disposed on an associated pocket.

[0010] According to a third aspect of the present invention, a third example tool bag is provided. The third example tool bag includes a rigid frame. The frame comprises an integrated handle, two integrated hooks disposed along the top of the frame, and two contours disposed along the top of the frame.

[0011] The contours are capable of retaining an attachable shoulder belt. The shoulder belt comprises two connectors, each connector removably attached to a respective contour of the frame.

[0012] The third example tool bag further includes a flexible covering forming an interior cavity. The flexible covering has an exterior surface, and the flexible covering comprises a plurality of pockets disposed within the interior cavity and a plurality of pockets disposed along the exterior surface of the flexible covering.

[0013] The third example tool bag further includes a plurality of tool indicia. Each tool indicia is disposed on an associated pocket.

[0014] The objects, features and advantages of the present invention are readily apparent from the following description of the preferred embodiments when taken in connection with the accompanying drawings.

BRIEF DESCRIPTION OF THE DRAWINGS

[0015] Comprehension of the invention is facilitated by reading the following detailed description, in conjunction with the associated drawings, in which:

[0016] FIG. 1 is a perspective view of a first example tool organizer disposed in a closed configuration in accordance with the present invention;

[0017] FIG. 2 is a perspective view of the tool organizer of FIG. 1 disposed in an open configuration;

[0018] FIG. 3 is a front view of the tool organizer of FIG. 1;

[0019] FIG. 4 is a side view of the tool organizer of FIG. 1;

[0020] FIG. 5 is a rear view of the tool organizer of FIG. 1;

[0021] FIG. 6 is a front view of the tool organizer of FIG. 1;

[0022] FIG. 7 is a perspective view of the tool organizer of FIG. 1 with a storage drawer removed;

[0023] FIG. 8 is a plan view of the tool belt of the tool organizer of FIG. 1;

[0024] FIG. 9 is a perspective view of the tool belt of the tool organizer of FIG. 1;

[0025] FIG. 10 is a perspective view of a second example tool organizer in accordance with the present invention;

[0026] FIG. 11 is a perspective view of the tool organizer of FIG. 10 with a tool module removed;

[0027] FIG. 12 is a perspective view of the tool organizer of FIG. 10 with both tool modules removed;

[0028] FIG. 13 is an exploded view of a seat bracket and the upper frame of the tool organizer of FIG. 10;

[0029] FIG. 14 is a rear perspective view of the tool organizer of FIG. 10 with both tool modules removed;

[0030] FIG. 15 illustrates the removable tool carrier of the tool organizer of FIG. 10;

[0031] FIG. 16 is a flowchart illustrating the processing steps of an example method for accounting for a set of tools which may be checked out to a third party for use.

[0032] FIG. 17A is a perspective view of a third example tool organizer in accordance with the present invention;

[0033] FIG. 17B is a side view of the third example tool organizer of FIG. 17A;

[0034] FIG. 18 is an exploded view of the third example tool organizer of FIG. 17A;

[0035] FIG. 19 is a perspective view of the third example tool organizer of FIG. 17A with the tool bag and both tool modules removed;

[0036] FIGS. 20A-20E are side views of the third example tool organizer of FIG. 17A illustrating various handle positions;

[0037] FIGS. 21A-21D are side views of the third example tool organizer of FIG. 17A illustrating various handle positions;

[0038] FIG. 22A is a side view of the third example tool organizer of FIG. 17A illustrating the upper frame portion in an open position;

[0039] FIG. 22B is a side view of the third example tool organizer of FIG. 17A illustrating the upper frame portion in a partially folded position; and

[0040] FIG. 22C is a side view of the third example tool organizer of FIG. 17A illustrating the upper frame portion in a completely folded position.

DRAWING REFERENCE NUMERALS

[0041] The following reference characters identify the associated elements depicted in the drawings describing the present invention

100	Tool organizer
110	Frame
112	Handle
114	Rear wheel
116	Front wheel
118	Parts box
120	Load bearing step
124	Storage bin
130	Vertical tool support
132	Retaining means
140	Tool fastener
142	Tool indicia
144	Tool
150	Protrusion
155	Retaining means
400	Tool belt
410	Belt portion
412	First belt end
414	Second belt end
416	Pad
418	Tool belt handle
420	Tool support
1000	Modular tool organizer
1012	Handle
1014	Tray
1016	Pin
1018	Hinge
1020	Rear wheel
1022	Front wheel
1024	Storage box
1030	Tool support handle
1032	Tool support retainer
1040	Tool fastener
1042	Tool indicia
1112	First tool module
1114	Second tool module
1116	Upper frame component
1118	Lower frame component
1120A/B	Knob
1122	Tool support
1124A/B	Bracket
1126A/B	Supporting cross-member
1202	Step
1204	Brake lever
1302	Travel base
1304	Seat
1306	Seat belt
1308A/B	Prongs
1310A/B	Receptacles
1402	Removable tool carrier
1404	Storage compartment
1406	Handle
1502	Handle
1504A/B	Attachment hooks

-continued

1506	Shoulder strap
1700	Foldable tool organizer
1812	First tool module
1814	Second tool module
1816	Upper frame component
1818	Lower frame component
1820	Handle
1822	Tray
1850	Tool bag
1910	Hinge
1912	Indexing plate
1914	Indexing holes
1916	Pin
1950	Integrated cover
1952	Alarm
2110	Lock plate
2112	Hinge
2114	Guide bolt
2116	Pin
2118	Spring
2120	Release rod
2122	Release handle
2130	Hinge

DETAILED DESCRIPTION OF THE DRAWINGS

[0042] Referring now to the drawing figures, there is illustrated in FIG. 1, a first example tool organizer **100** embodying the present invention. Tool organizer **100** is intended to contain a predetermined set of tools for use by a professional or hobbyist at a location within or away from a work shop. Tool organizer **100** comprises a frame **110** including a handle **112**. The frame **110** is supported by two rear tires **114** and two front casters **116**. The frame **110** supports several parts storage boxes **118** for containing miscellaneous tools, machine parts, work pieces and/or accessories that may be commonly needed by the user.

[0043] Tool organizer **100** includes a set of storage panels or vertical tool supports **130** for storing a specific set of tools. The specific set of tools may be selected based on the typical activities of the user. For example, the tool organizer **100** may be populated with a first set of tools for a plumber, a second set of tools for an electrician, or a third set of tools for a general maintenance worker. In the illustrated embodiment, each vertical support includes a rigid inner structure and an outer fabric covering which forms one or more tool fasteners **140** to hold a tool **144**. Each tool fastener **140** has a specific size and shape so as to properly contain a specific tool **144** and includes a tool indicia **142** indicating the specific tool **144** which is associated with the tool fastener **140**. Each tool fastener **140** of the example tool organizer **100** is a pocket into which a specific tool **144** may be placed and stored. Of course, other types of tool fasteners **140** may be contemplated, such as loops, straps, velcro, and hooks, for example.

[0044] The tool organizer **100** may be disposed in a closed configuration, as illustrated in FIGS. 1, 3 and 4, or in an open configuration, as described more fully below with reference to FIGS. 2 and 6. The tool organizer may be disposed in the closed configuration by securing the vertical tool panels **130** using a panel retaining means **132**. In the illustrated embodiment, the panel retaining means **132** are straps that employ hook and loop fasteners, commonly referred to as velcro. Of course, retaining means of other types, including snap fasteners, buckles and hasps, for example, are acceptable substitutes.

[0045] Referring now to FIGS. 2 and 6, by releasing the retaining means 132, the user can open the vertical tool panels 130 of the tool organizer 100. This enables the user to visually detect every tool 144 of the particular tool set contained within the tool organizer 100, and note any missing tools using the associated indicia.

[0046] According to one aspect of the present invention, a method is presented for using the example tool organizer 100 to facilitate an inspection and/or inventory process to efficiently determine a first level of completeness, i.e. to identify any missing tools from the set of tools. The method begins with disposing the tool organizer 100 in an open configuration and visually inspecting each tool fastener 140 to determine whether a tool 144 is disposed therein. The visual inspection Her includes determining whether the each tool 144 disposed within a tool fastener 140 is associated with the tool indicia 142. Preferably, the tool indicia 142 is a printed tool name, although it may be an alpha-numeric code or other indicia such as bar-code.

[0047] The method also includes recording the first level of completeness of the tool set, such as by noting the missing tools or tool indicia. The further includes releasing the tool organizer and contents to a third party and, at some future time, receiving the tool organizer 100 and returned contents from the third party. Again, the user configures the tool organizer 100 in an open configuration and visually inspects the returned contents of the tool organizer 100 to determine a second level of completeness of the tool set. The first and second levels of completeness are compared to determine whether one or more tools 144 from the tool set were not returned with the tool organizer 100.

[0048] Referring now to FIGS. 4 and 5, respective side and rear views of the example tool organizer 100 are depicted. As illustrated, the tool organizer 100 includes an integrated tool belt 400 which may be detached from tool organizer 100 and used to carry a subset of the tool set apart from the tool organizer 100. In an alternate embodiment of the present invention, the tool belt 400 may be replaced by a tool bag or tool box to maintain the same accountability as the tool organizer 100.

[0049] Referring now to FIG. 9, there is illustrated the tool belt 400 detached from the tool organizer 100. Tool belt 400 includes a belt portion 410 having a first end 412 and a second end 414. A retaining means 415 is disposed at belt end 414. Tool belt 400 also includes a tool support 420 for holding the subset of tools and a handle 418. Like the tool fasteners of the panels of the tool organizer 100, each tool fastener of the tool belt has a particular size and shape to securely hold a specific tool, and each tool fastener of the tool belt 400 has an associated indicia of the specific tool to be stored.

[0050] When integrated with the tool organizer, the retaining means 415 of belt end 414 cooperates with a corresponding strap 155 attached to the tool organizer. Likewise, belt end 412 cooperates with a retaining means (not shown) also attached to the tool organizer 100. The weight of the tools in the tool belt 400 is further supported by handle 418 which may be looped over a correspondingly place protrusion 150 formed within the frame 110 of tool organizer 100.

[0051] When the tool belt 400 is not integrated with tool organizer 100, retaining means 415 may cooperate with belt end 412 to form a loop which may be placed around a user's waist or over a user's shoulder, as illustrated in FIG. 10. Tool belt 400 also includes a pad 416 to distribute pressure and

provide a cushion for the user when the tool belt 400 is worn over the shoulder. Alternatively, the user may use handle 418 to carry tool belt 400.

Modular Tool Organizer

[0052] There is illustrated in FIGS. 10 and 11, a second example tool organizer 1000 embodying the present invention. Tool organizer 1000 is particularly useful for professionals who may be required to supply a set of tools at a remote worksite. Modular tool organizer 1000 is designed to be easily placed in and removed from a passenger vehicle or truck. Modular tool organizer 1000 comprises four major components which may be disassembled to facilitate transportation and reassembled at a remote workplace. The four major components are a first tool module 1112, a second tool module 1114, an upper frame component 1116, and a lower frame component 1118.

[0053] Upper frame component 1116 includes a handle 1012 and a tray 1014. Handle 1012 and tray 1014 are integrated into the upper frame 1116 by a hinge 1018, and they may be adjusted to any of several positions using an adjustment mechanism, such as a spring-loaded pin 1016. For example, handle 1012 may be positioned at a roughly 45 degree angle to accommodate moving and tilting the fully assembled tool organizer 1000, as shown in FIGS. 10 and 11. Handle 1012 may be positioned horizontally, as illustrated in FIG. 12, to serve as a work surface to hold tools or spare parts during a job. In yet another example, handle 1012 may also be positioned vertically to conserve space during transporting the components of the tool organizer 1000, as illustrated in FIG. 13.

[0054] Referring back to FIG. 11, the two tool modules 1112 and 1114 attach to and are supported by the upper frame component 1116. Tool module 1112, for example, attaches to the upper frame 1116 using brackets 1124A and 1124B which engage corresponding cross-members 1126A and 1126B of the upper frame component 1116. Each of the two tool modules 1112 and 1114 may be lifted and maneuvered using a tool support handle such as handle 1030, and each includes two vertical tool supports, such as tool support 1122 of tool module 1112. As in the first example embodiment, the vertical tool supports may be retained by tool support closure 1032, and each vertical support includes one or more tool fasteners 1040 to hold a tool, and each tool fastener 1040 has a specific size and shape so as to properly contain a specific tool. Each tool fastener 1040 further includes a tool indicia 1042 indicating the specific tool which is associated with the tool fastener.

[0055] Lower frame component 1118 includes two rear wheels 1020 and two front casters 1022. The lower frame component 1118 supports several parts storage boxes 1024 for holding various machine parts, work pieces and/or accessories that may be commonly needed by the user, but are typically not considered part of the tool inventory. Lower frame component 1118 includes two apertures for receiving two corresponding prongs 1308A and 1308B of upper frame component 1116. When the upper frame component 1116 is received by lower frame component 1118, the two may be secured by tightening corresponding knobs 1120A and 1120B. These attachment mechanisms enable the tool organizer 1000 to be assembled and disassembled as desired.

[0056] Referring now to FIG. 12, tool organizer 1000 is illustrated with both tool modules 1112 and 1114 removed. The removal of the tool modules facilitates the use of step 1202 which is integrated into the lower frame component

1118. The tool organizer **1000** may be stabilized using brake **1204** which prevents rotation of the rear wheels **1020**.

[0057] Referring now to FIG. **13**, there is illustrated a travel base **1302** which adapted to fit in a passenger seat of a car or truck, such as seat **1304**. Travel base **1302** may be secured to seat **1304** using a standard passive restraint, such as seatbelt **1306**. Travel base **1302** includes receptacles **1310A** and **1310B** which are adapted to receive corresponding prongs **1308A** and **1308B** of upper frame **1116**. Upon securing travel base **1302** to seat **1304** and attaching upper frame component **1116** to travel base **1302**, tool modules **1112** and **1114** may be attached to upper frame component **1116**. The modular nature of tool organizer **1000** enables the tool organizer to be easily inserted and removed from a car or truck. By breaking the tool organizer into several modules, the weight of the assembled tool organizer and its contents may be distributed over all of the modules, each of which may be more easily lifted and maneuvered.

[0058] Referring now to FIG. **14**, a rear perspective view of tool organizer **1000** is illustrated. As shown, the lower frame **1118** includes a rear storage compartment **1404**, saw horse support **1408** and a handle **1406**. Handle **1406** may be used to facilitate lifting the lower frame component **1118** into and out of a transporting vehicle. Saw horse support **1408** may be used to support a piece of wood or other workpiece to facilitate cutting the wood or other workpiece. A removable tool carrier **1402**, more clearly illustrated in FIG. **15**, is shown attached to the rear of tool organizer **1000**.

[0059] Removable tool carrier **1402** includes a handle **1502**, two attachment hooks **1504A** and **1504B** and an adjustable shoulder strap **1506**. Removable tool carrier **1402** further includes a plurality of tool fasteners. Each tool fastener has a specific size and shape so as to properly contain a specific tool. Each tool fastener further includes a tool indicia indicating the specific tool which is associated with the tool fastener.

Method for Using Tool Organizer

[0060] Referring now to FIG. **16**, there is illustrated an example methodology for using the example tool organizer to track, maintain and account for a set of tools which may be checked out to a third party for use. Examples of such third parties include, for example, in-house maintenance personnel and independent contractors. At block **1605**, the methodology includes configuring the tool organizer in an open configuration. By so configuring the tool organizer, every tool retained therein may be visually inspected (**1610**) by flipping through the vertical tool supports, similar to leafing through the pages of a book.

[0061] Upon or during the visual inspection, a level of completeness of the tool set is recorded (**1615**). The level of completeness may be any of a number of representations of the tool set, including a list of tools missing from the tool set, a list of tools present in the tool set, a grade according to a predetermined scale, or a set of check marks in an inventory list, for example. At block **1620**, the tool organizer may be checked out or released to the third party for use.

[0062] Once the third party returns the tool organizer (**1625**), the contents are once again visually inspected to determine a level of completeness at the time of check-in (**1630**). The first and second levels of completeness are then compared to determine any changes in the tool set (**1635**). Appropriate actions may be taken by the owner of the tool set

based on any changes to the tool set. For example, the third party may be charged for any missing tools.

Foldable Tool Organizer

[0063] There is illustrated in FIGS. **17A** and **17B**, a third example tool organizer **1700** embodying the present invention. Tool organizer **1700** is particularly useful for professionals who may be required to supply a set of tools at a remote worksite. Foldable tool organizer **1700** is designed to be easily placed in and removed from a passenger vehicle or truck. Foldable tool organizer **1700** comprises components which may be configured to facilitate transportation and reconfigured at a remote workplace. As illustrated in FIG. **18**, the components include a first tool module **1812**, a second tool module **1814**, a foldable upper frame component **1816**, and a lower frame component **1818**. A removable tool bag **1850** or other tool carrier may be optionally included with the foldable tool organizer **1700**.

[0064] Referring now to FIG. **19**, upper frame component **1816** includes a handle **1820** and a tray **1822**. Handle **1820** and tray **1822** are integrated into the upper frame component **1816** by a hinge **1910**, and they may be adjusted to any of several positions using an adjustment mechanism, such as a spring-loaded pin **1916**. Pin **1916** cooperates with indexing holes **1914** of indexing plate **1912** to secure handle **1820** and tray **1822** in a position determined the indexing holes **1914**. Of course, although indexing holes **1914** are illustrated in detail on only one side of tool organizer **1700**, they may be provided on both sides of the tool organizer to provide increased stability. As further illustrated in FIGS. **20A-20D** and FIGS. **21A-21D**, handle **1820** and tray **1822** may be positioned at any of a number of predetermined angles associated with the indexing holes **1914**. Further, as illustrated by FIG. **20E**, handle **1820** and tray **1822** may be positioned approximately parallel with upper frame component **1816** to accommodate transportation of the tool organizer **1700**. Optionally, indexing holes may be provided to secure the handle **1820** and tray **1822** in such a folded position.

[0065] Referring now to FIG. **22A**, tool organizer **1700** is shown in an open position or configuration. As shown in the detail view of FIG. **22A**, the upper frame component **1816** is attached to the lower frame component **1818** via a lock plate **2110**. Lock plate **2110** is secured to the upper frame component **1816** by a hinge **2112**, and lock plate **2110** is secured to the lower frame component **1818** by a guide bolt **2114**. The upper frame component **1816** is maintained in an upright, open configuration by spring pin **2116** which passes through an aperture in the lower frame component **1818**.

[0066] To prepare the tool organizer **1700** to be transported in a vehicle or for storage in a more space efficient manner, it may be configured into a more compact shape. Namely, the handle **1820** and tray **1822** may be folded to be roughly parallel with the upper frame component **1816**, as previously described, and the upper frame component **1818** may be folded forward and down as illustrated in FIGS. **22B** and **22C**.

[0067] In order to fold the upper frame component **1816** of tool organizer **1700**, the pin **2116** securing the upright position of the upper frame component may be removed from the aperture in the lower frame component **1818**. To remove the pin, spring **2118** may be retracted by lifting release rod **2120** using release handle **2122**. Once pin **2116** is removed, the upper frame component **1816** is free to rotate about hinge **2130**. Forward rotation of the upper frame component causes the lock plate **2110** to slide downward relative to the guide

bolt **2114** attached to the lower frame component **1818**. Once the upper frame component has been sufficiently folded forward, a notched portion of the lock plate cooperates with the guide bolt **2114** to secure the upper frame component **1816** in the folded or closed configuration. The tool organizer **1700** may be reconfigured into the open position by reversing the process.

[0068] Foldable tool organizer **1700** further includes an integrated cover **1950** and alarm **1952** illustrated in FIG. **19**. When not in use, the example integrated cover **1950** may be stored in a container attached to the tool organizer, Cover **1950** may be removed and unfolded to completely cover the tool organizer and its contents. Cover **1950** may be used to protect the tool organizer and its contents from inclement conditions or to protect against theft. Cover **1950** may include a mechanism for locking the cover to prevent unauthorized use of the tool organizer or its contents. Alarm **1952** may be a motion sensing alarm which may be activated to prevent tampering with an unattended tool organizer or its contents. In one embodiment, alarm **1952** and cover **1950** may be used simultaneously to secure the tool organizer. In such an embodiment, the cover may include indicia warning that the tool organizer is armed with an alarm.

[0069] Although the invention has been described in terms of specific embodiments and applications, persons skilled in the art can, in light of this teaching, generate additional embodiments without exceeding the scope or departing from the spirit of the claimed invention. Accordingly, it is to be understood that the drawing and description in this disclosure are proffered to facilitate comprehension of the invention, and should not be construed to limit the scope thereof.

What is claimed is:

- 21.** A tool bag comprising:
a plurality of tool fasteners;
a plurality of tool indicia, each tool indicia associated with a tool fastener; and
a means for attaching the tool bag to a tool organizer.
- 22.** The tool bag of claim **21**, wherein the means for attaching comprises a hook.
- 23.** The tool bag of claim **21**, wherein the tool fasteners comprise a plurality of pockets formed of fabric.
- 24.** The tool bag of claim **23**, further comprising an interior portion and an exterior portion, and wherein the plurality of pockets includes at least one pocket disposed in the interior portion and at least one pocket disposed along the exterior portion.
- 25.** The tool bag of claim **21**, wherein the plurality of tool fasteners include a first pocket and a second pocket, the first pocket and the second pocket comprising a common portion of fabric.
- 26.** The tool bag of claim **21**, further comprising an adjustable shoulder belt attached to the tool bag by a connector.

27. The tool bag of claim **26**, further comprising a frame that forms a rigid contour and wherein the connector is attached to the rigid contour.

28. The tool bag of claim **21**, further comprising a frame that forms a handle.

29. A tool bag comprising:

a rigid frame, the frame comprising:

- an integrated handle,
- at least one integrated hook disposed along the top of the frame,
- at least one contour disposed along the top of the frame, the contour capable of retaining an attachable shoulder belt; and

a flexible covering comprising:

- a plurality of pockets;
- a plurality of tool indicia, each tool indicia disposed on an associated pocket.

30. The tool bag of claim **29**, wherein the flexible covering forms an interior portion and an exterior portion.

31. The tool bag of claim **30**, wherein the plurality of pockets includes at least one pocket disposed in the interior portion and at least one pocket disposed along the exterior portion.

32. The tool bag of claim **29**, wherein the plurality of pockets includes a first pocket and a second pocket, the first pocket and the second pocket comprising a common portion of fabric.

33. The tool bag of claim **29**, further comprising a shoulder belt.

34. The tool bag of claim **33**, wherein the shoulder belt is adjustable.

35. A tool bag comprising:

a rigid frame, the frame comprising:

- an integrated handle,
- two integrated hooks disposed along the top of the frame,
- two contours disposed along the top of the frame, the contours capable of retaining an attachable shoulder belt;

a shoulder belt comprising two connectors, each connector removably attached to a respective contour of the frame; and

a flexible covering forming an interior cavity, the flexible covering having an exterior surface, the flexible covering comprising:

- a plurality of pockets disposed within the interior cavity;
- a plurality of pockets disposed along the exterior surface of the flexible covering;
- a plurality of tool indicia, each tool indicia disposed on an associated pocket.

* * * * *