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Thurner(10) **Pub. No.: US 2007/0062997 A1**(43) **Pub. Date: Mar. 22, 2007**(54) **TOOL BAG FEATURING A MULTI,
TWO-IN-ONE POUCH DESIGN****Publication Classification**(75) Inventor: **Darryl G. Thurner**, Occidental, CA
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ton, CA(21) Appl. No.: **11/530,753**(22) Filed: **Sep. 11, 2006****Related U.S. Application Data**(60) Provisional application No. 60/715,655, filed on Sep.
9, 2005.(51) **Int. Cl.****F42B 39/02** (2006.01)**A45F 3/00** (2006.01)(52) **U.S. Cl.** **224/683; 224/674; 224/904**

(57)

ABSTRACT

A storage device for storing and carrying tools or other similar devices is provided. The device generally comprises a first storage compartment and second storage compartment, each storage compartment containing front and back panels, lateral side panels, and a bottom panel. The top of the storage compartments include openings for accessing the storage compartments. At least one dividing member defines a plurality of storage pockets within each storage compartment. The dividing member contains a lower edge connected to the bottom panel of the storage compartment, a front edge connected to the front panel of the storage compartment, and a back edge connected to the back panel of the storage compartment. A tool slot is defined by the front panel of the first storage compartment, a back panel of the second storage compartment, and the connections between the storage compartments.

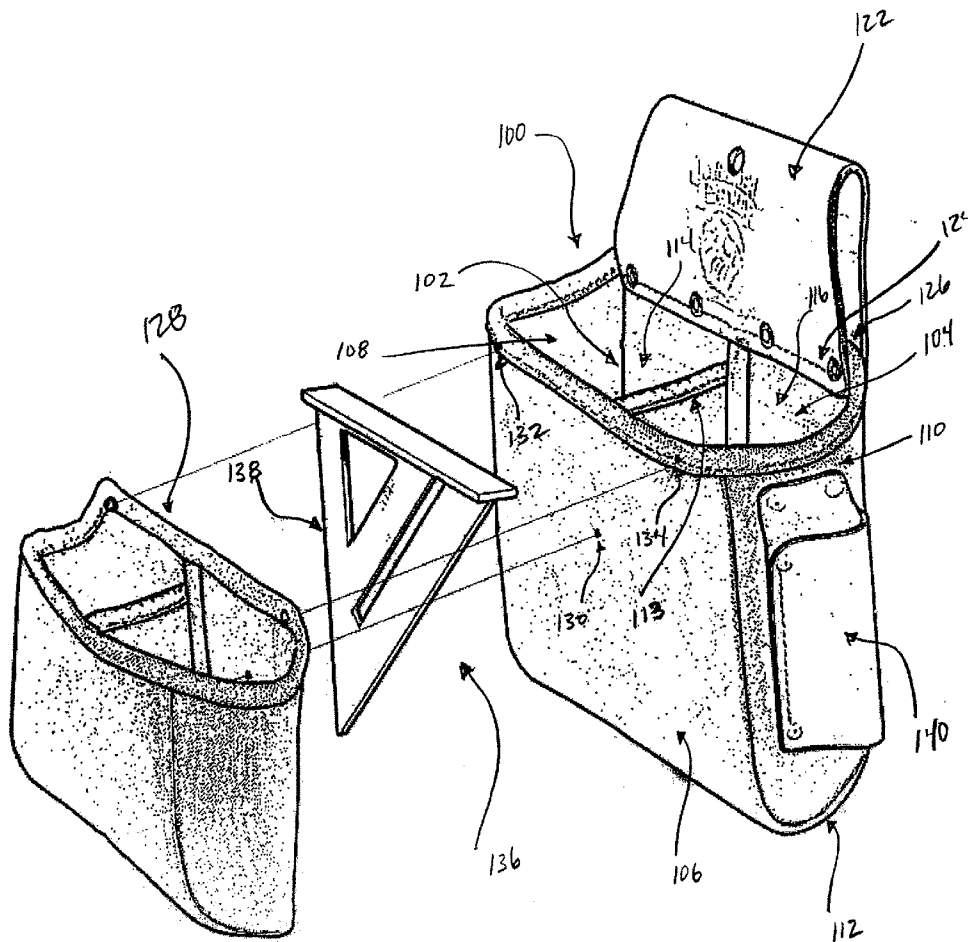
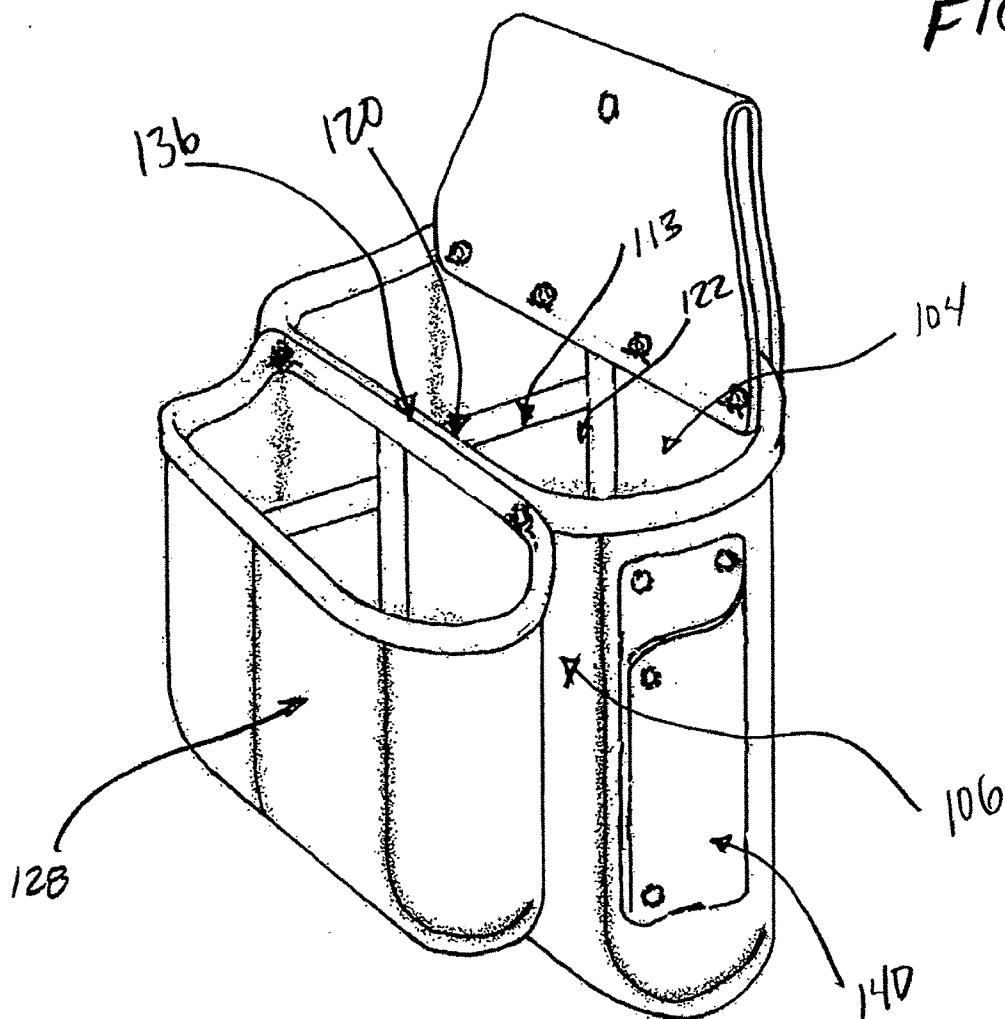


FIG. 2



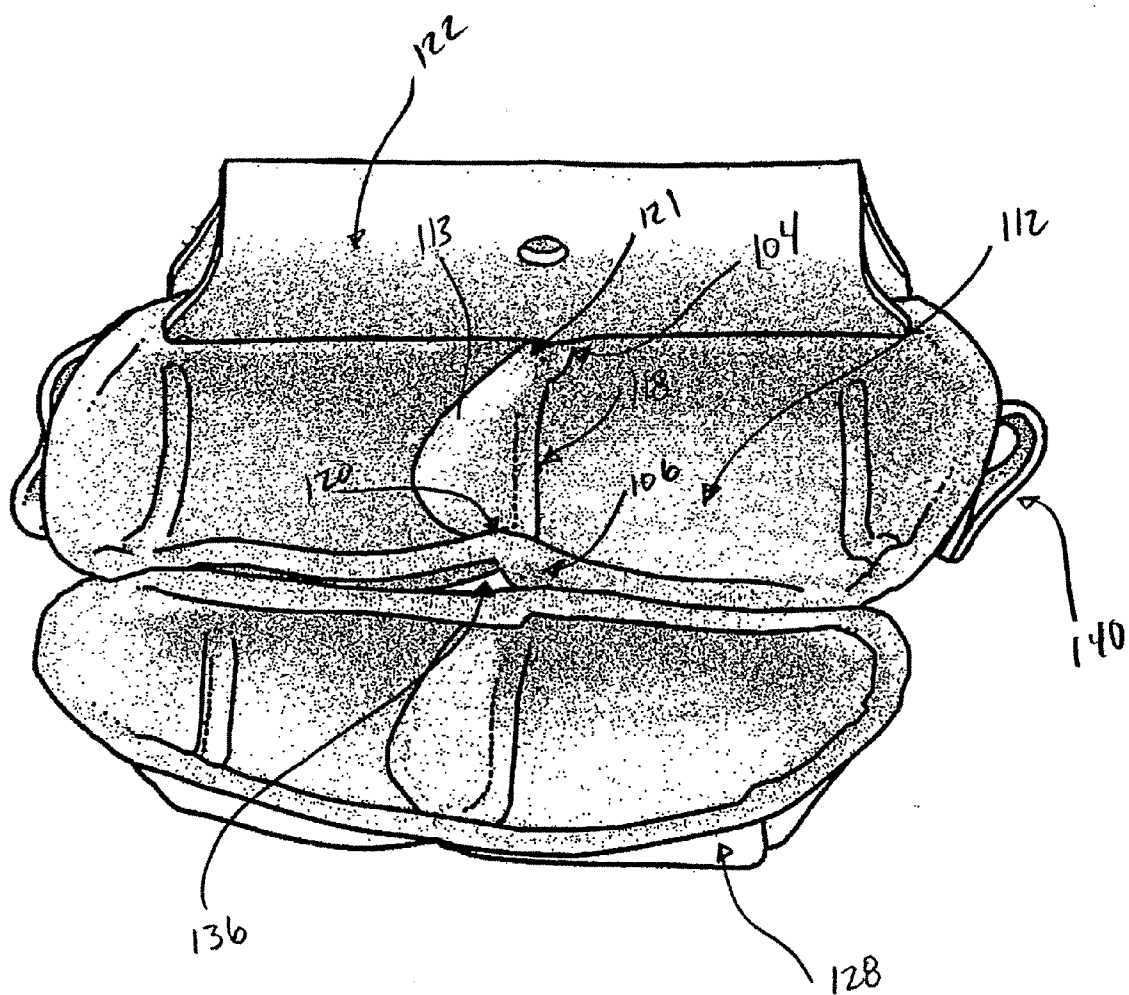


FIG. 3

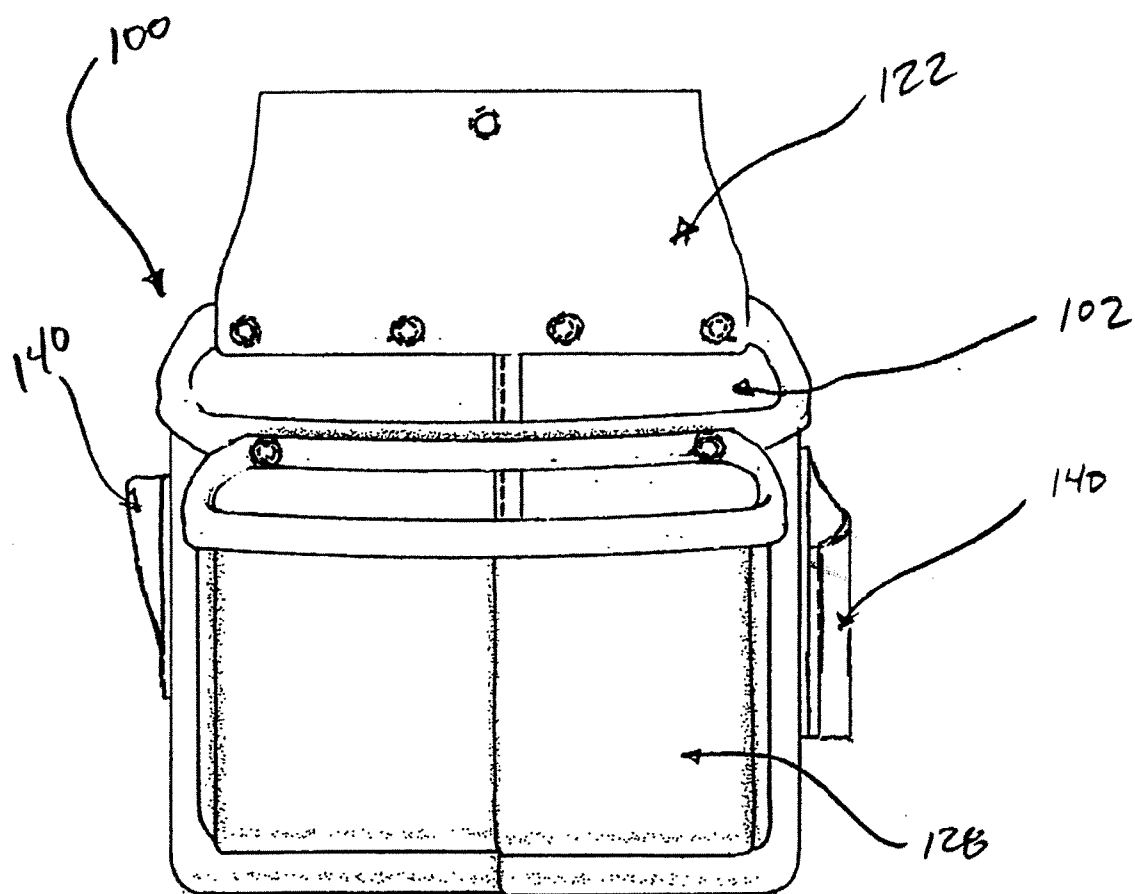


FIG. 4

TOOL BAG FEATURING A MULTI, TWO-IN-ONE POUCH DESIGN

RELATED APPLICATION

[0001] This application claims priority to U.S. Provisional Application Ser. Nos. 60/715,655 filed Sep. 9, 2005 the disclosure and content of which is hereby incorporated by reference in its entirety.

FIELD OF THE INVENTION

[0002] The present invention relates to a storage device and, in particular, to a tool pouch for storing and/or carrying tools, construction materials, and other similar devices.

SUMMARY OF THE INVENTION

[0003] In an exemplary embodiment of the invention, a storage device for storing tools and other construction devices and materials is provided. The storage device generally comprises a first storage compartment containing a front panel, back panel, a first and a second lateral side panels, and a bottom panel. The top of the storage compartment includes an opening for permitting access to the storage compartment. At least one dividing member defines a plurality of storage pockets within the first storage compartment. The dividing member contains a lower edge connected to the bottom panel of the first storage compartment, a front edge connected to the front panel of the first storage compartment, and a back edge connected to the back panel of the first storage compartment. The storage device also includes a second storage compartment connected to the first storage compartment. A tool slot is defined by the front panel of the first storage compartment, a back panel of the second storage compartment, and the connections between the first storage compartment and the second storage compartment.

[0004] The details of these and other embodiments of the present invention are set forth in the accompanying drawings and the description below. Other features and advantages of the invention will be apparent from the description and drawings, and from the claims.

BRIEF DESCRIPTION OF THE DRAWINGS

[0005] The present invention may take physical form in certain parts and steps, embodiments of which will be described in detail in the following description and illustrated in the accompanying drawings that form a part hereof, wherein:

[0006] FIG. 1 shows an exploded, perspective view of an exemplary embodiment of the storage device of present invention;

[0007] FIG. 2 shows another perspective view of the storage device of the present invention;

[0008] FIG. 3 shows a top view of the storage device of the present invention; and

[0009] FIG. 4 shows a front view of the storage device of the present invention.

DETAILED DESCRIPTION

[0010] FIG. 1 shows a storage pouch 100 in accordance with an embodiment of the invention. Tool pouch 100

includes a storage compartment 102. The storage compartment 102 defines a pocket area and an opening for permitting access to the pocket area. The storage compartment 102 includes a back side panel 104, a front side panel 106, a first lateral side panel 108, and a second lateral side panel 110, which is spaced generally parallel to the first lateral side. The storage compartment 102 further includes a bottom side panel 112. In the preferred embodiment, the bottom side panel 112 extends from the bottom portion of the front side panel 106 to the bottom portion of the back side panel 104. The size of storage compartment 102 may be conveniently sized for carrying a wide variety of tools, or construction materials other items.

[0011] Storage compartment 102 also contains at least one dividing member 113 for dividing the storage compartment into separate storage areas 114, 116. As shown in FIGS. 2 and 3, the dividing member 113 has a lower edge 118 that connects to the bottom side 112 of the storage compartment 102. The dividing member 113 further includes a front edge 120 connected to the front side 106 and a back side edge 121 for connecting to the back side panel 104 of the storage compartment 102. The storage compartment 102 can be constructed from a wide variety of suitable materials such as leather, nylon, Cordura, or the other structurally strong material.

[0012] Referring to back to FIG. 1, the tool pouch 100 may include an attachment system 122. In the preferred embodiment, the attachment system 122 removably connects the tool pouch 100 to a tool belt (not shown). More specifically, the attachment system 122 forms an elongated belt loop through which a belt (not shown) can be threaded. The attachment system 122 may be formed by folding over the top portion of the backing 124 and affixing it to the bottom portion of the backing 126. The attachment system 122 can be either fixedly or removably secured to the tool pouch 100 by riveting, stitching, clips, or other suitable attachment methods. Alternatively, the attachment system 122 may include clips, metal tabs, or other suitable attachment devices that permit the tool pouch 100 to be removably connected to other corresponding attachment devices (such as clips, tabs, etc.) on an external tool belt or other tool bag suspension systems.

[0013] The tool pouch 100 may also include a second storage compartment 128 either fixedly or removably connected to the first storage compartment 102. The second storage compartment 128 may be connected to the first storage compartment 102 by riveting, stitching, clips, snaps, or other suitable attachment methods. In the preferred embodiment shown in FIG. 1, the second storage compartment 128 is fixedly connected to the first storage compartment 102 via rivets 130, 132, and 134. A tool holster or holding slot 136 is defined by the space between the first storage compartment 102 and the second storage pocket 128. The rivets 130, 132 and 134 function as support members for a tool or other devices inserted in the tool holster or holding slot 136. For example, in the preferred embodiment shown in FIG. 1, the rivets 130, 132 and 134 function as support members for an angle square 138. One of ordinary skill in the art will recognize that the location of the rivets that connect the first storage compartment 102 to the second storage compartment 128 can be configured in a variety of locations such that the tool holster or holding slot

136 can hold a wide variety of different tools, such as hammers, pliers, wrenches, pry-bars, etc.

[0014] The tool pouch **100** may also include one or more tool sleeves **140** attached to the storage compartment areas **102**, **128**. For example, FIG. **1** depicts a tool sleeve **140** connected to the second lateral side panel **110**. One of ordinary skill in the art will recognize that the tool sleeves **140** can be attached at different locations on the storage compartment and configured in a wide variety of shapes and sizes to house a wide variety of different tools or implements.

[0015] In conclusion, herein is presented a tool pouch configured to hold a variety of tools, devices, and other objects. Accordingly, the invention is embodied in the form shown in the various drawings. Numerous variations are possible while maintaining the spirit of the invention. Such variations are contemplated as being part of the present invention

I claim:

1. A tool bag construction comprising:
 - a first storage compartment connected to a second storage compartment, the first storage compartment containing a front side panel and the second storage compartment containing a back side panel;
 - a holding slot defined by the front side panel of the first storage compartment and the back side panel of the second storage compartment; and
 - at least one support member located in the holding slot for retaining articles inserted between the first storage compartment and the second storage compartment.
2. The tool bag construction of claim 1 wherein the storage compartments each contain at least one dividing member for defining multiple storage areas within the storage compartments.
3. The tool bag construction of claim 2 further comprising an attachment system for connecting the storage compartments to a tool belt.
4. The tool bag construction of claim 2 further comprising at least one tool sleeve connected to a lateral side panel of the first storage compartment.
5. The tool bag construction of claim 3 wherein the attachment system is a belt loop.
6. A tool bag construction comprising:
 - a first storage compartment connected to a second storage compartment, the first storage compartment containing a front side panel and the second storage compartment containing a back side panel;
 - a holding slot defined by the front side panel of the first storage compartment and the back side panel of the second storage compartment;

at least one support member located in the holding slot for retaining articles inserted between the first storage compartment and the second storage compartment; and

at least one dividing member for defining multiple storage areas within the first and second storage compartments.

7. The tool bag construction of claim 6 further comprising an attachment system for connecting the storage compartments to a tool belt.

8. The tool bag construction of claim 6 further comprising at least one tool sleeve connected to a lateral side panel of the first storage compartment.

9. The tool bag construction of claim 7 wherein the attachment system is a belt loop.

10. The tool bag construction of claim 6 wherein the dividing member in the first storage compartment extends perpendicularly from the front side panel and the dividing member in the second storage compartment extends perpendicularly from the back side panel.

11. A tool bag construction comprising:

- a first storage compartment connected to a second storage compartment, the first storage compartment containing a front side panel and the second storage compartment containing a back side panel;

- a holding slot defined by the front side panel of the first storage compartment and the back side panel of the second storage compartment;

- at least one support member located in the holding slot for connecting the storage compartments and for retaining articles inserted between the storage compartments; and

- at least one dividing member located in each storage compartment for defining multiple storage areas within the storage compartments.

12. The tool bag construction of claim 11 wherein the dividing member in the first storage compartment extends perpendicularly from the front side panel and the dividing member in the second storage compartment extends perpendicularly from the back side panel.

13. The tool bag construction of claim 11 further comprising an attachment system for connecting the storage compartments to a tool belt.

14. The tool bag construction of claim 11 further comprising at least one tool sleeve connected to a lateral side panel of the first storage compartment.

15. The tool bag construction of claim 13 wherein the attachment system is a belt loop.

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