A tool bag for securing tools therein is disclosed. The tool bag comprises a tool bag of fabric material including two pockets having a wider upper end and a narrower lower end, the upper end and the lower end being a through passage, the fabric face being reversely folded to a position at the back portion of the tool bag body and the edge of the fabric face mounted with a securing element, and a pair of spaced apart through holes positioned on the bag surface of the tool bag; and a strong elastic peg having one end portion positioned with two securing discs, which are spaced apart to form a gap, to secure onto the tool bag body, another end portion of the peg being a circular peg end. A holding pocket is mounted onto the front surface of the bag body for the holding of hand tools.
FIG. 2
FIG. 3
TOOL BAG FOR SECURING TOOLS THEREIN

BACKGROUND OF THE INVENTION

[0001] (a) Technical Field of the Invention

[0002] The invention relates to a tool bag, which contains tools therein in any arrangement and will not cause the tools to fall out therefrom.

[0003] (b) Description of the Prior Art

[0004] Generally, tools in a tool bag are placed horizontally and therefore, it is very often that the tools may be accidentally fallen off. Another type of conventional tool bag, a plurality of layers of pockets are provided so as to accommodate different tools. As shown in FIG. 1, this is a conventional tool bag used to hold various types of hard tools. The pockets are arranged at different height on the tool bag and generally, the tool pockets are rather wide to facilitate the placement of tools. However, when the tool bag is placed in a horizontal position, these tools may be fallen off from the tool bags. Besides, the opening of the tool pocket has to be designed specifically for layer tools if the pocket is meant for holding the same.

SUMMARY OF THE INVENTION

[0005] Accordingly, it is an object of the present invention to provide a tool bag for securing tools comprising a tool bag of fabric material including two pockets having a wider upper end and a narrower lower end, the upper end and the lower end being a through passage, the fabric face being vertically folded to a position at the back portion of the tool bag body and the edge of the fabric face mounted with a securing element, and a pair of spaced apart through holes positioned on the bag surface of the tool bag; and a strong elastic peg having one end portion positioned with two securing discs, which are spaced apart to form a gap, to secure onto the tool bag body, another end portion of the peg being a circular peg end.

[0006] It is yet another object of the present invention to provide a tool bag for securing tools, wherein the bag surface of the tool bag is provided with two through holes allowing the elastic peg to be mounted thereon, and the gap of the peg is adapted to the thickness of the bag body.

[0007] It is still yet another object of the present invention to provide a tool bag for securing tools, wherein a holding pocket is mounted onto the front surface of the bag body for the placement of a hand tool.

[0008] The foregoing object and summary provide only a brief introduction to the present invention. To fully appreciate these and other objects of the present invention as well as the invention itself, all of which will become apparent to those skilled in the art, the following detailed description of the invention and the claims should be read in conjunction with the accompanying drawings. Throughout the specification and drawings identical reference numerals refer to identical or similar parts.

[0009] Many other advantages and features of the present invention will become manifest to those versed in the art upon making reference to the detailed description and the accompanying sheets of drawings in which a preferred structural embodiment incorporating the principles of the present invention is shown by way of illustrative example.

BRIEF DESCRIPTION OF THE DRAWINGS

[0010] FIG. 1 is a perspective view of a conventional tool bag.

[0011] FIG. 2 is a perspective view of a tool bag for securing tool of the present invention.

[0012] FIG. 3 is a perspective view showing the holding of a hand tool, and the position of an elastic peg in accordance with the present invention.

[0013] FIG. 4 is a sectional view of the tool bag of FIG. 2 in accordance with the present invention.

[0014] FIG. 5A is a sectional schematic view showing the insertion of pliers into the tool bag of the present invention.

[0015] FIG. 5B is a sectional schematic view showing the securing of the pliers in the tool bag of the present invention.

[0016] FIG. 5C is a sectional schematic view showing the withdrawal of the pliers of the present invention.

[0017] FIG. 6 is a front schematic view of secured pliers in the tool bag of FIG. 2 of the present invention.

[0018] FIG. 7 is another preferred embodiment of FIG. 6 in accordance with the present invention.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT

[0019] The following descriptions are of exemplary embodiments only, and are not intended to limit the scope, applicability or configuration of the invention in any way. Rather, the following description provides a convenient illustration for implementing exemplary embodiments of the invention. Various changes to the described embodiments may be made in the function and arrangement of the elements described without departing from the scope of the invention as set forth in the appended claims.

[0020] In describing a preferred embodiment of the invention illustrated in the drawings, specific terminology will be resorted to for the sake of clarity. However, the invention is not intended to be limited to the specific terms so selected.

[0021] In general, and to FIGS. 2 and 3, in particular, a tool bag structure embodying the teachings of the subject invention generally comprises a tool bag 1 and elastic pegs 2, and a holding pocket 3.

[0022] The tool bag 1 is disposed with two holding pockets 11 at the front section of the bag body 1. The upper end of the holding pocket 11 is wider and the lower end of the holding pocket is narrower, and the upper end and the lower end are a through passage. The fabric surface of the tool bag 1 is reversely folded at a position on the rear portion of the bag body. The edge of the fabric surface is secured using securing elements. At an appropriate position of the tool bag 1, a pair of spaced apart through holes 12 are provided thereto.

[0023] The strong elastic peg 2 has one end portion mounted with two securing disc 21, and an appropriate gap 22 is formed between the two securing disc 21 for the securing of the thickness of the bag body of the tool bag 1. The other end portion is a circular peg 23 of appropriate length. In accordance with the present invention, the strong elastic peg 2 is formed from strong rubber material with
certain rigidity such that when a force is applied thereto, the peg 2 will bend at an angle. However, the peg 2 restores to its original position when the force is released. In the present invention, the hand tool that can be placed into the tool bag 1 is a pair of pliers 3.

[0024] The appropriate surface of the tool bag 1 is provided with two through holes 12. The rubber peg 2 is inserted from the rear portion of the tool bag 1. The gap 22 of the peg 2 is used to engage to the thickness of the bag body. Next, a holding pocket 11 is switched onto the bag body. The hand tool 3 is inserted into the pocket 11, as shown in FIG. 4.

[0025] Referring to FIG. 5A, there is shown a pliers is inserted into the tool bag 1. As shown in the figure, a hand tool 3 inserted into the tool bag 1 touches the peg 2, the peg 2 moves downward along with the direction of the hand tool 1. When the hand tool 3 is positioned thereto, the peg 2 will restore to the original position and will be positioned at the pivot point of the hand tool 3. The peg 2, at this instance, is a straight structure, as shown in FIG. 5B. When the hand tool 3 is withdrawn, the hand tool 3 will urge the rubber peg 2 and the peg 2 will bend upward as the direction of the hand tool 3, as shown in FIG. 5C.

[0026] As shown in FIG. 6, when the hand tool 3 is positioned in the tool bag 1. The peg 3 allows the tool bag 1 to be in a position, which will not be fallen out therefrom. Generally, a slightly larger force is applied to withdraw the hand tool 3, as the peg 2 is rather a strong elastic peg 2.

[0027] As shown in FIG. 7, any sizes of hand tool 3 can be inserted. By the present invention, a tool bag for securing hand tools is provided. The foregoing description should be considered as illustrative only of the principles of the invention. Since numerous modifications and changes will readily occur to those skilled in the art, it is not desired to limit the invention to the exact construction shown and described, and accordingly, all suitable modifications and equivalents may be resorted to, falling within the scope of the invention.

1. A tool bag for securing tools comprising:

(a) a tool bag of fabric material including two pockets having a wider upper end and a narrower lower end, the upper end and the lower end being a through passage, the fabric face being reversely folded to a position at the back portion of the tool bag body and the edge of the fabric face mounted with a securing element, and a pair of spaced apart through holes positioned on the bag surface of the tool bag; and

(b) a strong elastic peg having one end portion positioned with two securing discs, which are spaced apart to form a gap, to secure onto the tool bag body, another end portion of the peg being a circular peg end.

2. The tool bag of claim 1, wherein the bag surface of the tool bag is provided with two through holes allowing the elastic peg to be mounted thereon, and the gap of the peg is adapted to the thickness of the bag body.

3. The tool bag of claim 1, wherein a holding pocket is mounted onto the front surface of the bag body for the placement of a hand tool.

4. The tool bag of claim 1, wherein the material of the elastic peg is a strong but flexible rubber material.

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