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This invention relates to boxes for golf clubs and the like and has for its object to provide a box suitable for use as a shipping container and for display purposes.

Further objects of the invention are to provide a knockdown container that provides separating partitions at its opposite ends for spacing the ends of elongated articles such as golf clubs, and to provide a knockdown container formed from sheet material covered on one side with white or colored paper and so constructed that visible parts of the finished container are formed by the paper covered side of the material.

With the above and other objects in view, the invention may be said to comprise the box as illustrated in the accompanying drawings and hereinafter described, together with such variations and modifications thereof as will be apparent to one skilled in the art to which the invention pertains.

Reference should be had to the accompanying drawings forming a part of this specification in which:

Figure 1 is a top plan view of a box embodying the invention;
Figure 2 is a side elevation of the box, one end portion being broken away and shown in section;
Figure 3 is a transverse section through the box taken on the line indicated at 3—3 in Figure 1;
Figure 4 is a sectional view taken as indicated by the broken line 4—4 in Figure 3;
Figure 5 is a section taken on the line indicated at 5—5 in Figure 3; and
Figure 6 is a fragmentary plan view showing one of the two identical ends of the blank from which the box is formed.

The box of the present invention has a knockdown body made from a one-piece blank of sheet material such as paperboard, one of the two identical ends of the blank being shown in Figure 6 of the drawings. The box body has a bottom formed from the central portion of the blank as shown in Figure 6, and side and end walls that are integral with the bottom and formed from folded portions of the blank surrounding the central bottom portion. The side walls have body portions which are connected to the opposite sides of the bottom by fold lines, each of the side walls having a liner section that is connected to the body section by a fold line and which is folded inwardly to contact the inner face of the body section.

In the box of the present invention the end walls are stiffened by flaps hinged to the ends of the side walls and these flaps also provide partitions that project into the box from the end walls. Flaps are preferably provided at the ends of each body section and each liner section and the two flaps at each end of each side wall are preferably of different lengths, the longer flaps having end portions that form the partitions.

As shown herein, the body sections of the side walls have end wall flaps that are connected thereto by fold lines. The flaps are disposed perpendicular to the sides and bottom of the box and are of a length not more than half the width of the bottom so that they can be disposed in alignment end to end as shown in Figure 4 of the drawings.

Each of the liner sections of the side walls is provided with end flaps longer than the flaps, each of the end flaps of the liner sections comprising a wall portion connected to the section by a fold line and a partition portion connected to the body portion by a fold line. The wall portions are in face to face engagement with the flaps and the partition portions are engaged back to back and project into the box parallel to the side walls and midway between the same as shown in Figure 4. Each of the end walls has a body section connected to an end of the bottom by a fold line and each of the body sections has two liner sections spaced by a slot and connected thereto by fold lines.

In assembling the box the side walls are first folded to vertical position with the shorter flaps and the wall portions of the longer flaps disposed above the bottom of the box at right angles to the sides and bottom as shown in Figure 4, after which the end walls are folded to vertical position, bringing the body portion of each end wall in engagement exteriorly with the flaps, after which the liner sections are folded inwardly against the inner faces of the wall portions of the longer flaps, the liner sections being of a width to fit between the liner section of a side wall and the partition portions of the end flaps as shown in Figure 4. The liner sections thus serve to lock the partition portions in abutting relation and to hold the side walls in vertical position.

A bottom liner is preferably placed on the bottom and is of a size to fit within the side and end walls with its side and end edges underlying the lower edges of the liner sections and the blank is

UNITED STATES PATENT OFFICE

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GOLF CLUB BOX

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folded so that the paper facing is upon the exterior of the sides, ends and bottom of the box. The paper facing is also on the exposed face of the liner section 14 and the partition flaps 10. To strengthen the bottom of the box a flat liner 17 formed of the same material as the body of the box is placed upon the bottom of the box, the liner 17 being of a size to substantially fit within the body sections 2 and 12 of the sides and end walls so that its edge portions underlie the lower edges of the liner sections 4 and 14. The liner section 17 is preferably cut from the same stock as the body of the box and has a paper facing 18 on the upper side thereof, thereby providing a white or colored facing for the bottom of the box.

It is to be understood that in accordance with the provisions of the patent statutes variations and modifications of the specific devices herein shown and described may be made without departing from the spirit of the invention.

What I claim is:

1. A one piece knockdown box for golf clubs and the like comprising an elongated rectangular bottom and side and end walls, each side wall comprising a body section hinged to the bottom and a liner section hinged to the body section and lying against the inner face thereof, said body and liner sections each having integral end wall flaps at their ends, one pair of end wall flaps at each end of the box being disposed end to end over said bottom and perpendicular to the bottom and side walls, the other two flaps at each end of the box being longer than the flaps of the first mentioned pair, said longer flaps having wall portions in face to face engagement with the flaps of the first mentioned pair and partition portions hinged to the wall portions, abutting back to back and projecting into the box parallel to the side walls, each of said end walls having a body section hinged to the bottom and exteriorly engaging said end wall flaps, each of said end wall liner sections fitting between a side wall and one of said partition portions to lock the partition portions in abutting relation.

2. A one piece knockdown box for golf clubs and the like comprising an elongated rectangular bottom and side and end walls, each side wall comprising a body section hinged to the bottom and a liner section hinged to the body section and lying against the inner face thereof, said body and liner sections each having integral end wall flaps at their ends, one pair of end wall flaps at each end of the box being disposed end to end over said bottom and perpendicular to the bottom and side walls, the other two flaps at each end of the box being longer than the flaps of the first mentioned pair, said longer flaps having wall portions in face to face engagement with the flaps of the first mentioned pair and partition portions hinged to the wall portions, abutting back to back and projecting into the box parallel to the side walls, each of said end walls having a body section hinged to the bottom and exteriorly engaging said end wall flaps, each of said end wall liner sections fitting between a side wall and one of said partition portions to lock the partition portions in abutting relation.

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