Feb. 9, 1937. H. W. BURGNER 2,070,254

CARRIER DEVICE FOR GOLF CLUBS AND THE LIKE

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Fig. 1

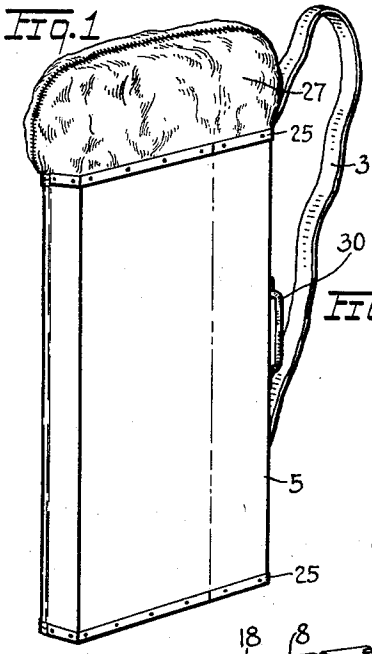


Fig. 2

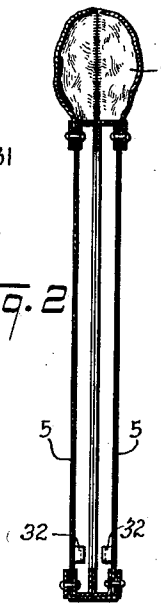
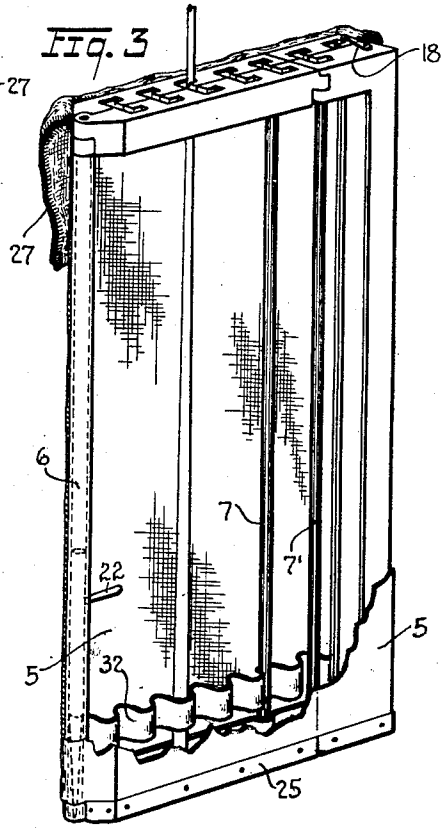


Fig. 3



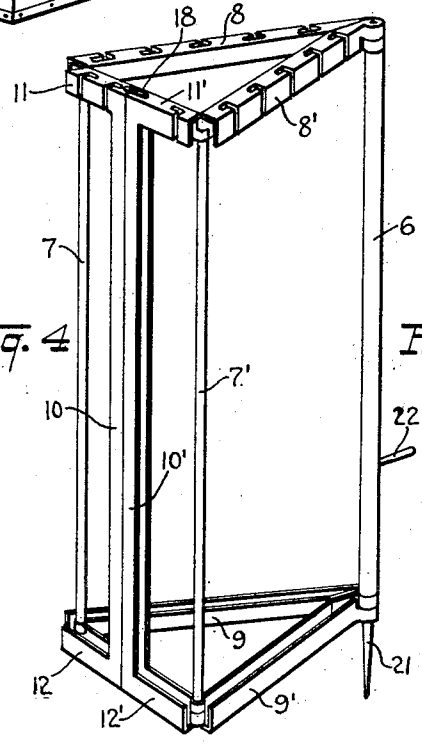
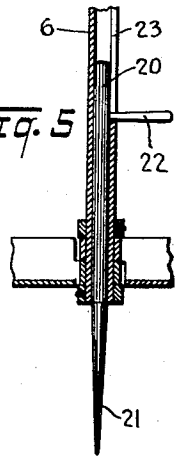


Fig. 4

Fig. 5



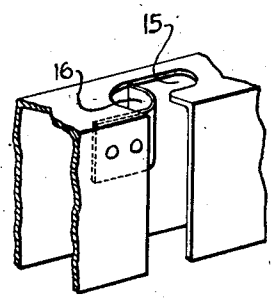


Fig. 6

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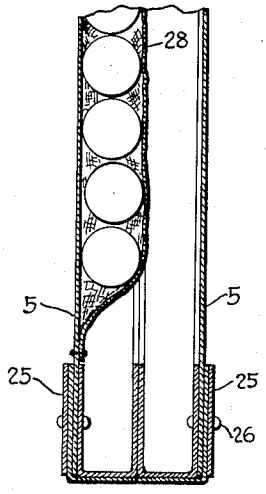
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Feb. 9, 1937. H. W. BURGNER 2,070,254

CARRIER DEVICE FOR GOLF CLUBS AND THE LIKE

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Fig. 8



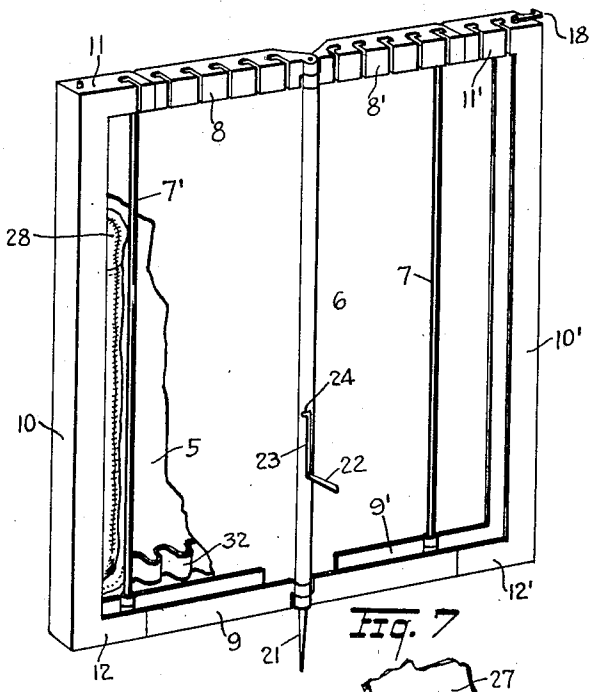
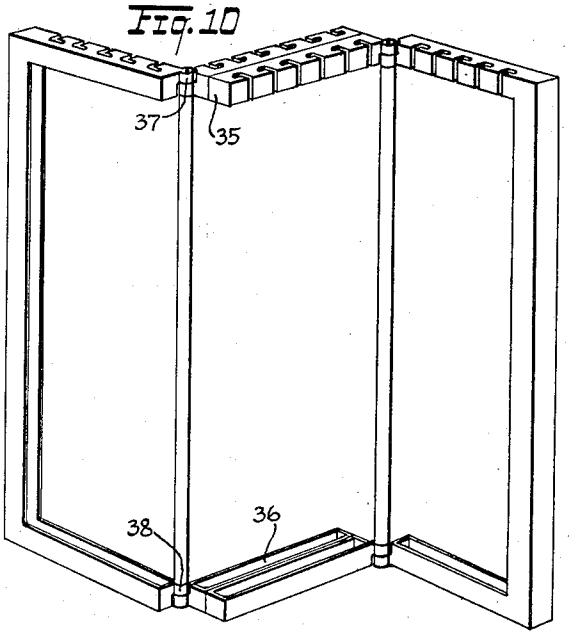


Fig. 7

Fig. 10



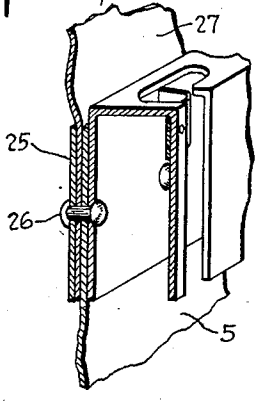


Fig. 9

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UNITED STATES PATENT OFFICE

2,070,254

CARRIER DEVICE FOR GOLF CLUBS AND THE LIKE

Harry W. Burgner, Sinking Spring, Pa.

Application June 18, 1935, Serial No. 27,199

9 Claims. (Cl. 150—1.5)

My invention relates to a carrier device for golf clubs or other like articles, in the nature of a bag adapted to safely hold an individual set of clubs for travel or convenient conveyance over the course, and for selective removal of any individual club for play.

The golf bag commonly in use has an open top and the clubs are loosely held and subjected to harmful frictional rubbing together both in transporting and in insertion and withdrawal from the bag; and attempts heretofore made to separately assort them have not avoided the frictional wear of their insertion or removal, or have failed in other manner, as in fully protecting them when not in use.

An important object of my invention is to provide a carrier for the clubs in which they may be desirably firmly held in separate supports, entirely enclosed and protected for their safe transportation; and fully exposed for their lateral removal without any frictional rubbing contact along their length.

Another object of my invention is to form a bag of articulated club-holding sections that may be folded flat for convenient transportation or reversely folded or spread to uncover the clubs. Other possibilities include a built in and hidden ball pocket, and a projectable spike for supporting the bag at rest in a vertical position.

With the above outlined objects in view, and with other objects and advantages that will later herein appear, my invention comprises the improved carrier device or bag as will now be more fully described in connection with the accompanying drawings, and the novel features thereof set forth in the appended claims.

Fig. 1 is a perspective view of a carrier device embodying certain preferred features of my invention and shown with a protective hood extension of the cover drawn up to fully enclose the frame held clubs.

Fig. 2 is a vertical cross-sectional view of the carrier shown in Fig. 1, disclosing the frame sections in closed flat folded position.

Fig. 3 is a perspective, mainly side elevation, corresponding to the showing of Figs. 1 and 2, but on a somewhat larger scale, and with the protective covering partly broken away on the near side, and the hood extension in folded-down position.

Fig. 4 is a perspective view of the supporting frame sections alone, reversely folded to outwardly expose the club holding top and bottom rails.

Fig. 5 is a detail view of the longitudinally movable spike which is adapted to be forced into the turf to support the bag in a vertical resting position.

Fig. 6 is a detail view of a frame rail showing a spring-guarded shaft-engageable slot for a golf club.

Fig. 7 is a perspective view of the covered frame opened out flat-wise, the interior of the carrier being fully disclosed.

Fig. 8 is a detail view showing a convenient arrangement of a built-in pocket for golf balls.

Fig. 9 is a detail view disclosing one means of securing the protective covering and hood extension to the frame.

Fig. 10 is a perspective elevational view of a carrier embodying my invention, but adapted for a greater number of clubs.

In the preferred embodiment of my invention I have indicated a plurality of articulated sectional frames adapted to carry the clubs and form the supporting structure when desired for a suitable protective cover 5, which may be of the nature of leather or cloth, though not necessarily limited thereto.

The particular sections referred to above, as best seen in Fig. 4, are made up of similar pairs of open frame structures, the main frames of each pair having a common side or edge member formed by a pivot post 6, and opposite sides or edges formed by separate pivot posts 7 and 7' respectively, each post 7 and 7' forming a common side or edge member for an added frame. The ends of posts 6, 7, and 7' form pintles engaging in pivot ears formed at the ends of the top and bottom frame members 8 and 8' and 9 and 9' of the respective main pair of frames, rigidly spacing them, and post 6 pivotally connecting them. The added frames connected to the main pair of frames by pivot posts 7 and 7' are shown as having side edge members 10 and 10', top rails 11 and 11' and bottom rails 12 and 12' respectively, said top and bottom rails having pivot ears engaged by posts 7 and 7' to hingedly connect them to their respective main frames. These frame sections are intended to be strong, and preferably made of metal and in order to secure strength without unnecessary weight. I have shown all the top and bottom rails and side members 10 and 10' as preferably formed of U-shaped channel material, with the channels in the top and bottom rails extending in opposed relation, and the channel sides adjacent their end pivot ears cut-away or shaped so the respective frame sections may be folded on one another in reverse directions, into a closed flat relation as

shown in Fig. 3, or in opened and reversely faced directions as shown in Fig. 4, where the added sections are abutted to form one plane face of a triangular arrangement. The clubs are intended, in this showing, to be held with the handle ends down and resting on the lower rail member within the channel sides of the latter, and the top rails are adapted to engage the shafts below the upwardly projecting club heads. As one means of engaging and holding the clubs the top rail is provided with one or more spaced L-shaped apertures 15, the lateral entrance to which is past a guard spring 16 as clearly seen in Fig. 6; and it will be noted such lateral entrances are on the outside face of the frame sections when folded as shown in Fig. 4, and said faces are inside when folded as shown in Fig. 3. Any suitable catch or latch device, indicated at 18 may be employed to hold the added frames with their edges 10, 10' in the abutted relation of Fig. 4, or in the folded contacted position shown in Fig. 3.

To support the open frame shown in Fig. 3 from toppling from an upright position, post 6 is shown as formed from a tube and enclosing a longitudinally shiftable rod 20 having a spiked end 21 and an operating handle 22 engaging through a suitable slotted aperture 23 in post tube 6, any detent, as spring pressed ball 24, acting to hold said spiked end 21 in retracted position within said tube, but allowing its forced projection into the turf when required.

The articulated sectional frame structure above described, may of itself form a suitable carrier device for the golf clubs, or similar rod-like articles, firmly retained interiorly of the folded frame, as seen in Fig. 3, or exteriorly presented for selective lateral removal when reversely folded as seen in Fig. 4 and the club shafts carried by the top and bottom frame rails are separately spaced to prevent frictional rubbing against one another, and firmly held in an upright position against any distorting bending strains.

To complete the protection of the clubs thus carried by the sectional frames, I prefer to enclose the latter with the cover 5, before mentioned, applied to the exterior faces of the frame sections when folded as seen in Fig. 3, which shows the cover broken away on the near side. This cover, as stated, is preferably of a relatively flexible material, and one means of attaching it to the frame sections is indicated in Figs. 8 and 9, showing a suitable length of the material folded about the closed sections and secured to the top and bottom frame members, and side members 10 and 10' by binding strips 25, parted to fit the separate frames and secured to the latter as by rivets 26. And Fig. 9 indicates the lower edge of a hood extension 27 secured by the binding strip, which hood may be drawn up in known manner to inclose the upwardly projecting golf club heads, as seen in Figs. 1 and 2, or folded down to expose said heads, as seen in Fig. 3. Fig. 8 further discloses a ball pocket 28 secured within the covered frame adjacent to or partly enclosed within the channel side of a frame side member 10 or 10', such pocket being exposed for removal of the balls when the frame is opened as seen in Fig. 4, but inclosed within the bag when folded as seen in Fig. 3. A suitable handle 30 and shoulder carrying strap 31 may be provided as shown, and loops 32, seen in Fig. 3, may be attached to the inside of the cover 5, if desired, to hold the club shafts in spaced position within the lower channel members 9, 9', 12 and 12', or said channels may be otherwise divided into separate pockets for the shafts.

From the foregoing description it is believed the nature of my improvements and the manner of their use will be readily understood, and that these improvements lend themselves readily to various other embodiments within the spirit of my invention. As one such different embodiment, I have indicated in Fig. 10, articulated sections in which an intermediate frame is formed with a double top rail 35 and double bottom rail 36 adapted to hold clubs on both faces thereof, and the frame edges 37 and 38 pivotally connected to the respective frame edges of said intermediate frame have single top and bottom rails and each is foldable to cover a respective face of said intermediate frame. In this case a protective cover need only be attached to the end frames 37 and 38, and might readily be of sheet material if desired.

The frame rails need not necessarily be channel shape, but may have other forms adapted particularly for holding other articles than golf clubs, one thought in mind being a travelling gun-case. Other modifications and changes may naturally be developed and are intended to be included within the terms of my invention as defined in the following claims.

What I claim is:

1. A carrier device for golf clubs and the like, comprising a plurality of articulated club-supporting sections provided on one face thereof with laterally-engageable club-holding means, said sections being swingable on one another to retainingly infold the held clubs and to outwardly expose them for selective lateral removal and replacement.

2. A carrier device for golf clubs and the like, comprising a plurality of articulated rigid frame sections provided on one face thereof with laterally-engageable club-holding means, said sections being swingable on one another to retainingly infold the held clubs and to outwardly expose them for selective lateral removal and replacement.

3. A carrier device for golf clubs and the like, comprising a plurality of rectangular sections provided on one face thereof with laterally-engageable club-holding means, and flexible connections uniting the edges of two adjacent sections adapted to permit reverse folding of said sections to retainingly inclose the held clubs and to outwardly expose them for selective lateral removal and replacement.

4. A carrier device for golf clubs and the like, comprising a series of frame sections provided on one face thereof with means for holding clubs in laterally removable and replaceable engagement therewith, pivot post side members each of which hingedly connects two adjoining frame sections to form a flexible structure swingable to retainingly inclose the held clubs and to outwardly expose them for selective lateral removal and replacement.

5. A carrier device for golf clubs and the like, comprising a series of frame sections provided on one face thereof with means for holding clubs in laterally removable and replaceable engagement therewith, pivot post side members each of which hingedly connects two adjoining frame sections to form a flexible structure swingable on an intermediate pivot post into a flat-folded club-retaining relation, and reversely swingable into a triangular shape to outwardly expose said clubs for lateral removal and replacement, the free

ends of the two end frame sections abutting to position said ends in a common plane to form one side of said triangle.

6. A carrier device for golf clubs and the like, comprising a series of frame sections provided on one face thereof with means for holding clubs in laterally removable and replaceable engagement therewith, pivot post side members each of which hingedly connects two adjoining frame sections to form a flexible structure swingable on one another into a collapsed flattened relation to retainingly inclose the held clubs, and reversely swingable into an extended open relation to outwardly expose said clubs for selective lateral removal and replacement.

7. A carrier device for golf clubs and the like, comprising a series of frame sections provided on one face thereof with means for holding clubs in laterally removable and replaceable engagement therewith, pivot post side members each of which hingedly connects two adjoining frame sections to form a flexible structure swingable to retainingly inclose the held clubs and to outwardly expose them for selective lateral removal and replacement, one of said pivot posts enclosing a longitudinally movable rod having a spiked end projectable exteriorly of said post for supporting the device when the clubs are exteriorly exposed, and retractable into said post when the clubs are retainingly inclosed.

8. A carrier device for golf clubs and the like, comprising a plurality of rigid frame sections flexibly connected at adjoining edges and provided with a covering material on one face and laterally-engageable club-holding means on the opposite face, said frame sections being swingable on one another to retainingly infold the held clubs within the covering material, and to infold the covering material and outwardly expose the held clubs for their lateral removal and replacement.

9. A carrier device for golf clubs and the like, comprising a flexible protective cover, and a reversely foldable rigid frame support therefor made up of a series of frame sections hingedly joined at their abutting sides and each having on one side the protective cover and on the other side a club supporting face provided with laterally-engageable club-holding means, said frame sections being swingable on one another to retainingly infold the club-supporting faces within the covering material, and to infold the protective cover faces and outwardly expose the club-supporting faces to permit lateral removal and replacement of the latter.

HARRY W. BURGNER.