Feb. 7, 1961 M. E. MASTEN 2,970,629

GOLF STICK CARRYING CASE

Filed Feb. 1, 1960

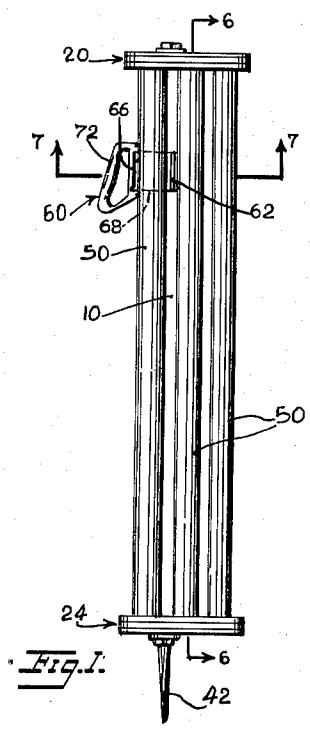

Fig. 1.

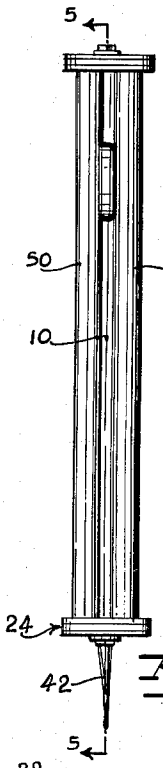

Fig. 2.

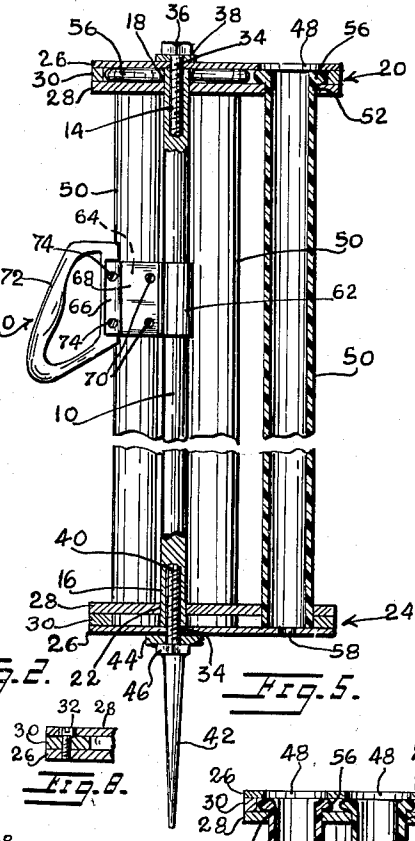

Fig. 5.

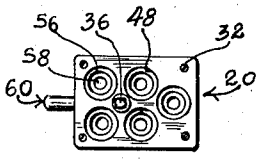

Fig. 3

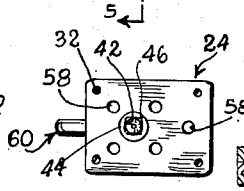

Fig. 4.

Fig. 8.

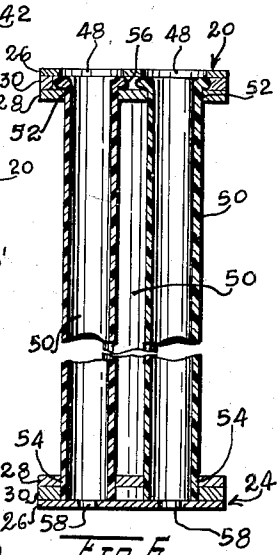

Fig. 6.

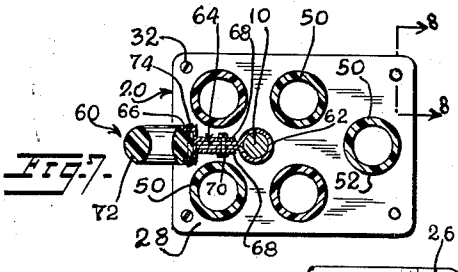

Fig. 7.

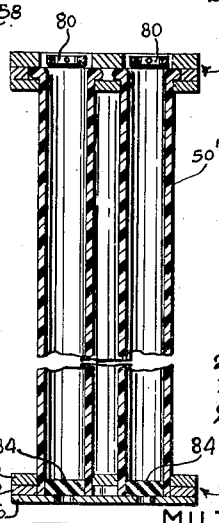

Fig. 9.

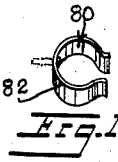

Fig. 11.

Fig. 12.

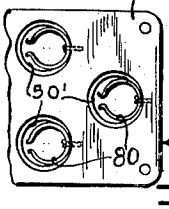

Fig. 10.

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GOLF STICK CARRYING CASE

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5 Claims. (Cl. 150—1.5)

This invention relates to a golf club carrier or bag of the skeletionized type.

A primary object of the present invention is to provide a golf club carrier or bag that is adapted to take the place of the ordinary golf bag and that is very much lighter in weight than the ordinary golf bag.

Another object of the invention is to provide a golf club carrier or bag with means for holding the handles of a multiple of golf clubs in separated spaced relation to each other while the clubs are carried in the bag and whereby interlocking of the club handles in the bag and scratching of the club heads will be prevented and whereby withdrawing of a club from the bag will be facilitated.

A further object of the invention is to provide a golf club carrier or bag with a terrain engaging means whereby the carrier or bag may be placed upright on the terrain to stand by itself at any desired location easily accessible to the golfer.

Still another object is to provide a golf club carrier or bag that is simple and light in construction enabling both sexes of all ages to conveniently carry the same.

A still further object is to provide a golf club carrier or bag with novel and improved means whereby the same will securely engage the terrain to hold the carrier in an upright position.

Yet another object is to provide a golf club carrier or bag that is strong and practical in construction, efficient and reliable in use, relatively inexpensive to manufacture, and that supports the clubs in a balanced condition.

For further comprehension of the invention, and of the objects and advantages thereof, reference will be had to the following description and accompanying drawings, and to the appended claims in which the various novel features of the invention are more particularly set forth.

In the accompanying drawings forming a material part of this disclosure:

Fig. 1 is a side elevational view of a golf club carrier or bag embodying my invention.

Fig. 2 is a view looking from the left of Fig. 1.

Fig. 3 is a top plan view thereof.

Fig. 4 is a bottom plan view thereof.

Fig. 5 is an enlarged vertical sectional view taken on the line 5—5 of Fig. 2, parts being broken away.

Fig. 6 is a vertical sectional view taken on the line 6—6 of Fig. 1.

Fig. 7 is a cross-sectional view taken on the line 7—7 of Fig. 1, on an enlarged scale.

Fig. 8 is a fragmentary sectional view taken on the line 8—8 of Fig. 7.

Fig. 9 is a view similar to Fig. 6 of a modified form of the invention.

Fig. 10 is a fragmentary enlarged top plan view similar to Fig. 3 of the form shown in Fig. 9.

Fig. 11 is a detail perspective view of the spring clip.

Fig. 12 is a detail perspective view of the rubber disc.

Referring to the drawings in detail, the numeral 10 designates a solid circular shaft or post of aluminum

having an axially disposed internally screw threaded socket opening 14 in its upper end and a similar socket opening 16 in its bottom end. The top end of the shaft or post extends into a socketed opening 18 in a rigid rectangular-shaped laminated plate member 20, adjacent one end thereof and along its longitudinal center. The bottom end of the shaft or post extends through a similar socketed opening 22 in a similarly constructed plate 24, aligned with the opening 18. Each laminated plate member 20 and 24 consists of an outer aluminum plate 26 approximately one-sixteenth of an inch thick, an inner aluminum plate 28 approximately seven thirty-seconds of an inch thick and an intermediate layer or ring 30 of composite material five thirty-seconds of an inch thick around the margins of the plates and spacing said plates apart. Screws 32 extending through the plates and layer at the corners fasten the layers together.

The socketed openings 18 and 22 are in the inner plates 28 and the ends of the shaft or post 10 seat on the inner surface of the outer plates 26 with their socketed openings 14 and 16 in line with openings 34 in the outer plates 26.

A headed screw threaded bolt 36 passing through an opening 34 in plate member 20, and a washer 38 is received in the socketed opening 14 in the top end of the shaft 10 to secure plate member 20 to the shaft.

The threaded shank portion 40 of an elongated tapered and pointed spike 42 of hardened steel extends through an aluminum washer 44 and through the opening 34 in the outer plate 26 of the bottom plate member 24 into the threaded socketed opening 16 in the bottom end of the shaft 10. A nut 46 on the shank portion outwardly of the washer secures the spike and plate member 24 to the shaft. The spike 40 projects outwardly of the carrier forming an extension thereof.

In accordance with the invention, means is provided for receiving and guiding a plurality of golf clubs to supported position. This means consists of a series of rigid tubes 50 extending in parallel spaced relation to each other between the plate members 20 and 24 with their ends interlocked in the plate members. The tubes may be made of plastic or any other suitable material.

In the top plate member 20, the outer plate 26 is formed with a plurality of spaced openings 48 and the inner plate 28 is formed with a plurality of spaced openings 52 aligned with openings 48 and dimensioned to slidably receive the tubes 50 which in assembling are passed longitudinally therethrough, while the bottom plate member 24 has its inner plate 28 formed with openings 54 dimensioned to receive the lower ends of the tubes 50 with a snug driving fit to securely hold the tubes in place.

As a means for holding the tubes 50 against being passed completely through the openings 52 in the plate 28 of the upper plate member 20, the upper ends of the tubes 50 are formed with annular beads 56 which effect seated engagement with the margins of the openings 52. The bottom ends of the tubes 50 seat on the outer plate 26 of the bottom plate member 24 around weep holes 58 formed in the plate 26 thereof.

A handle assembly 60 is secured to the shaft 10 intermediate its ends for carrying the bag. The handle assembly is positioned adjacent the top end of the bag in order to provide a balanced feeling to the carrier or bag when carrying the clubs and comprises a plastic sleeve 62 fitted around the shaft 10 with integral juxtaposed plates 64 extending radially therefrom. A bracket comprising a channel-shaped body 66 with radially extending spaced plates 68 overlapping the plate 64 and secured thereby by bolts 70, supports an endless loop forming hand grip 72 outwardly of the tubes 50, which grip is secured to the bracket by bolts 74.

In the practical use of my golf club carrier or bag, the handle ends of the clubs are inserted into the upper ends of the tubes 50 and thrusting the clubs along the tubes to a seated position on the plate 24. A number of clubs can thus be removably mounted and independently supported so that a single club may be readily removed by withdrawing it longitudinally from the tube, which is effected without disturbing adjacent clubs.

Obviously while carried in the bag, the clubs will be supported by the end plate 24 and the tubes 50 with their handles clear of each other irrespective of the normal position of the bag.

The modified form of golf club carrier or bag shown in Figs. 9 to 12, inclusive, differs only slightly from the form of carrier or bag shown in Figs. 1 to 8, inclusive. In the modified form, spring clips 80 are suitably secured in position in the openings in the top plate members 20'. The clips consist of split spring annular members 82 which are dimensioned to yield and grip the shafts of the clubs when inserted therethrough so as to prevent the clubs from falling out of the tubes 50'.

Furthermore, in this form a shock absorber in the form of a rubber disc 84 is seated in the bottom of each tube 50' on the bottom plate member 24' so as to prevent damage to the club and carrier upon insertion of the clubs. In this form, the bottom plate member 24' has no weep holes.

In all other respects, the form of golf club carrier or bag shown in Figs. 9 to 12, inclusive, is similar to the form of Fig. 1 and similar reference numerals are used to indicate similar parts.

While I have illustrated and described the preferred embodiments of my invention, it is to be understood that I do not limit myself to the precise constructions herein disclosed and that various changes and modifications may be made within the scope of the invention as defined in the appended claims.

Having thus described my invention, what I claim as new, and desire to secure by United States Letters Patent is:

1. A golf club carrier comprising an elongated round rod, a laminated plate member secured to each end of the rod, each laminated plate member consisting of an outer plate, an inner plate spaced therefrom and a ring interposed between the plates along the margins thereof, one of said plate members having a number of spaced aligned openings in the outer and inner plates thereof, the other of said plate members having spaced openings in its inner plate aligned with the openings in said one plate member, a number of spaced parallel tubes interposed between the plate members with their ends seated in the openings in the inner plates, a spike carried by and depending from the end of said rod and a handle on the rod intermediate its ends, and annular beads on one end of said tubes to prevent withdrawal of the tubes through the openings in the outer plate of said one plate member.

2. A golf club carrier comprising an elongated round rod, a rectangular-shaped plate member secured to each end of the rod, one of said plate members having a number of spaced openings therethrough, the other of said plate members having a number of recesses in line with the openings in said one plate member, a number of parallel spaced tubes interposed between the plate members with their ends seated in the openings and recesses therein, ground anchoring means carried by and depending from the end of said rod, and a handle on the rod intermediate its ends.

3. A golf club carrier comprising an elongated round rod, a rectangular-shaped laminated plate member secured to each end of the rod, each laminated plate member consisting of an outer plate, an inner plate spaced therefrom and a ring interposed between the plates along the margins thereof, one of said plate members having a number of spaced aligned openings in the outer and inner plates thereof, the other of said plate members having spaced openings in its inner plate aligned with the openings in said one plate member, a number of parallel spaced tubes interposed between the plate members with their ends seated in openings in the inner plates, the other of said plate members having an opening in its outer plate, said rod having an axially disposed threaded opening in its end adjacent said other plate member, a spike having a threaded shank extending through the opening in the outer plate of said other plate member and into the threaded socketed opening in the end of the rod, the body of said spike depending from the end of the rod for anchoring the carrier to the ground, a handle on the rod intermediate its ends, and annular beads on one end of said tubes to prevent withdrawal of the tubes through the openings in the outer plate of said one plate member.

4. A golf club carrier comprising an elongated round rod, a rectangular-shaped laminated plate member secured to each end of the rod, each laminated plate member consisting of an outer plate, an inner plate spaced therefrom and a ring interposed between the plates along the margins thereof, one of said plate members having a number of spaced aligned openings in the outer and inner plates thereof, the other of said plate members having spaced openings in its inner plate aligned with the openings in said one plate member, a number of spaced tubes interposed between the plate members with their ends seated in openings in the inner plates, a spike carried by and depending from the end of said rod and a handle assembly supported on said rod, said assembly consisting of a sleeve secured around said rod intermediate its ends, radially extending plates on the sleeve, a channel-shaped bracket overlapping and secured to said plates, and an endless loop-shaped hand grip secured to said bracket and extending outwardly of the tubes.

5. A golf club carrier comprising an elongated round rod, a laminated plate member secured to each end of the rod, each laminated plate member consisting of an outer plate, an inner plate spaced therefrom and a ring interposed between the plates along the margins thereof, one of said members having a number of spaced aligned openings in the outer and inner plates thereof, the other of said plate members having spaced openings in its inner plates aligned with the openings in said one plate member, a number of spaced parallel tubes interposed between the plate members with their ends seated in the openings in the inner plates, a handle on the rod intermediate its ends, spring clips mounted in the aligned openings of said one plate member for preventing clubs from falling out of the tubes, and rubber discs mounted in the ends of the tubes on said other plate member for absorbing shocks upon insertion of the clubs in the tubes.

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