United States Patent [19]

Kenon

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[54] **GOLF SET**

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[52] **U.S. Cl.** ..... **206/315,** 206/375, 150/1.5 R, 190/60, 273/80.1, 312/290, 403/342

[51] **Int. Cl. A63b 53/02,** A63b 55/00, A63b 55/02, A63b 55/04

[58] **Field of Search** ..... 150/1.5 R; 206/16 R; 190/60; 273/80.1; 312/290; 403/342

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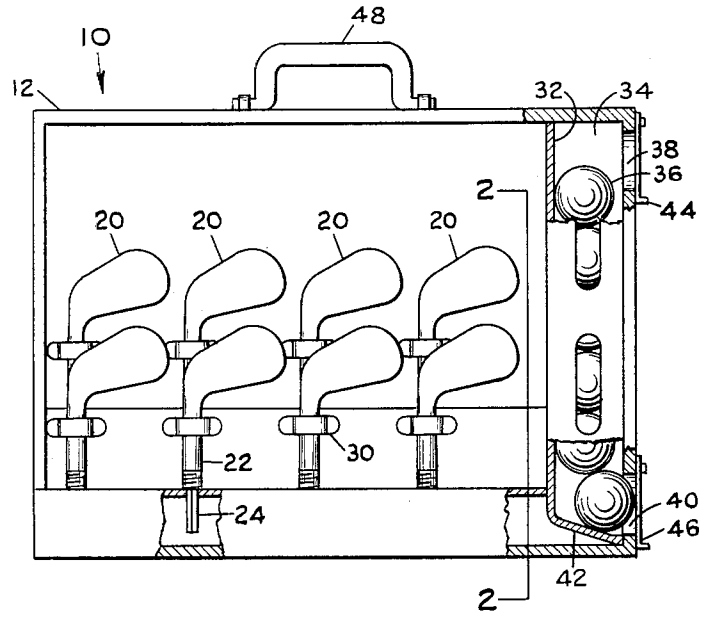
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Primary Examiner—William T. Dixson, Jr.
Attorney, Agent, or Firm—Oltman and Flynn

[57] **ABSTRACT**

A golf set in which a plurality of golf club heads are removably mounted inside a carrying case and a handle for any one of the golf club heads is removably mounted on the outside of the carrying case. Golf balls are also received in the carrying case and can be dispensed from it as needed. The entire set is a compact unit which may be carried around a golf course conveniently, and has less bulk and weight than conventional golf sets.

7 Claims, 5 Drawing Figures



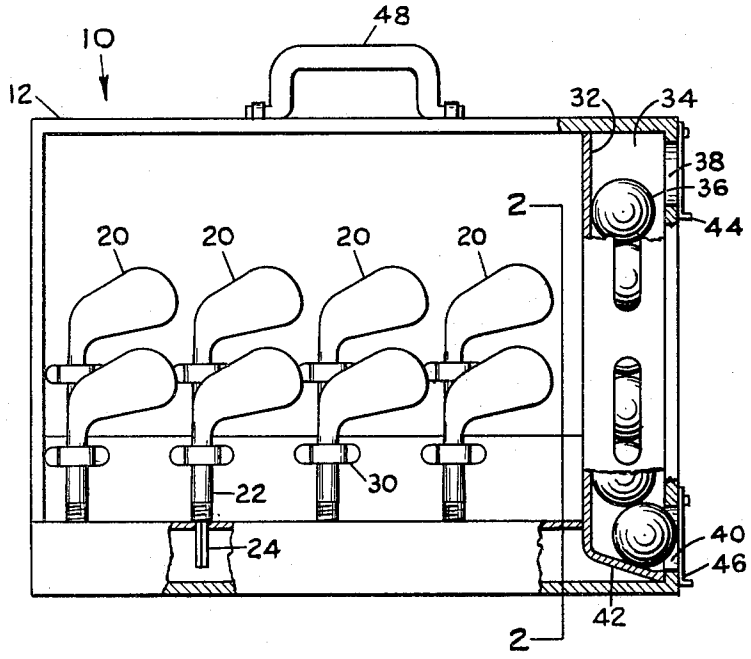


FIG. 1

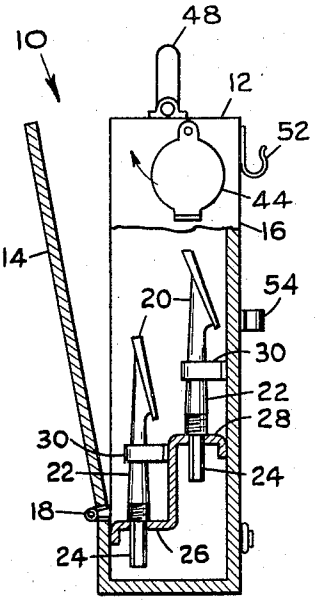


FIG. 2

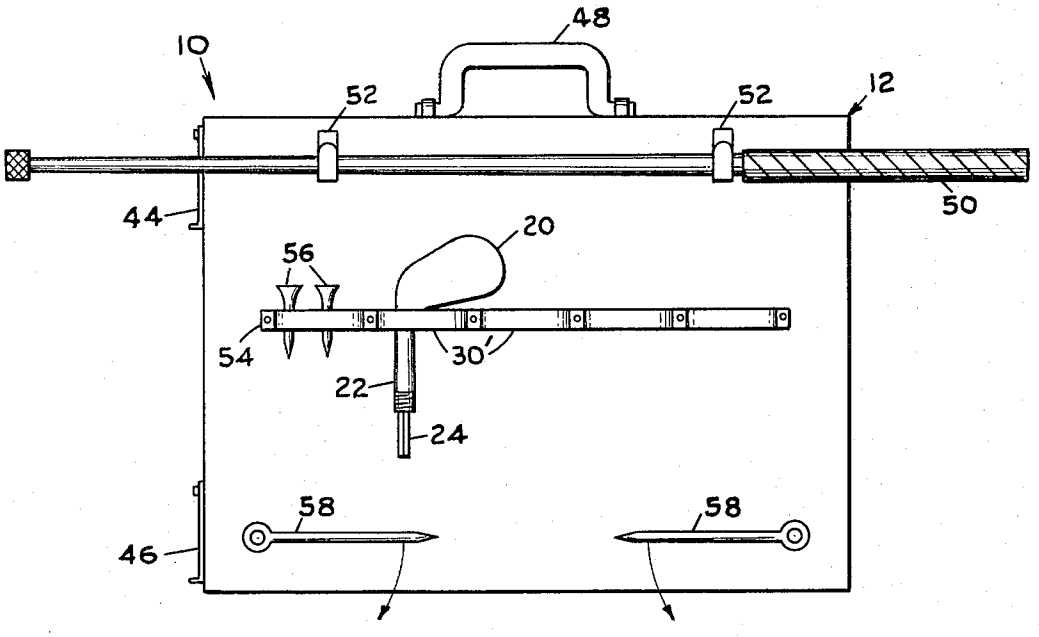


FIG. 3

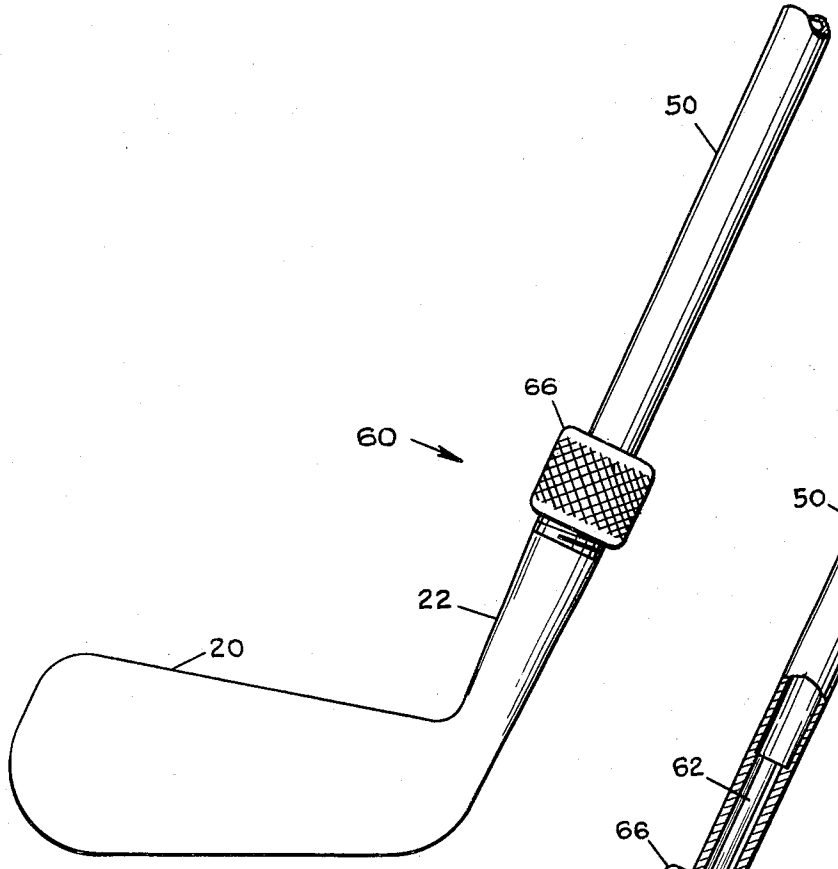


FIG. 4

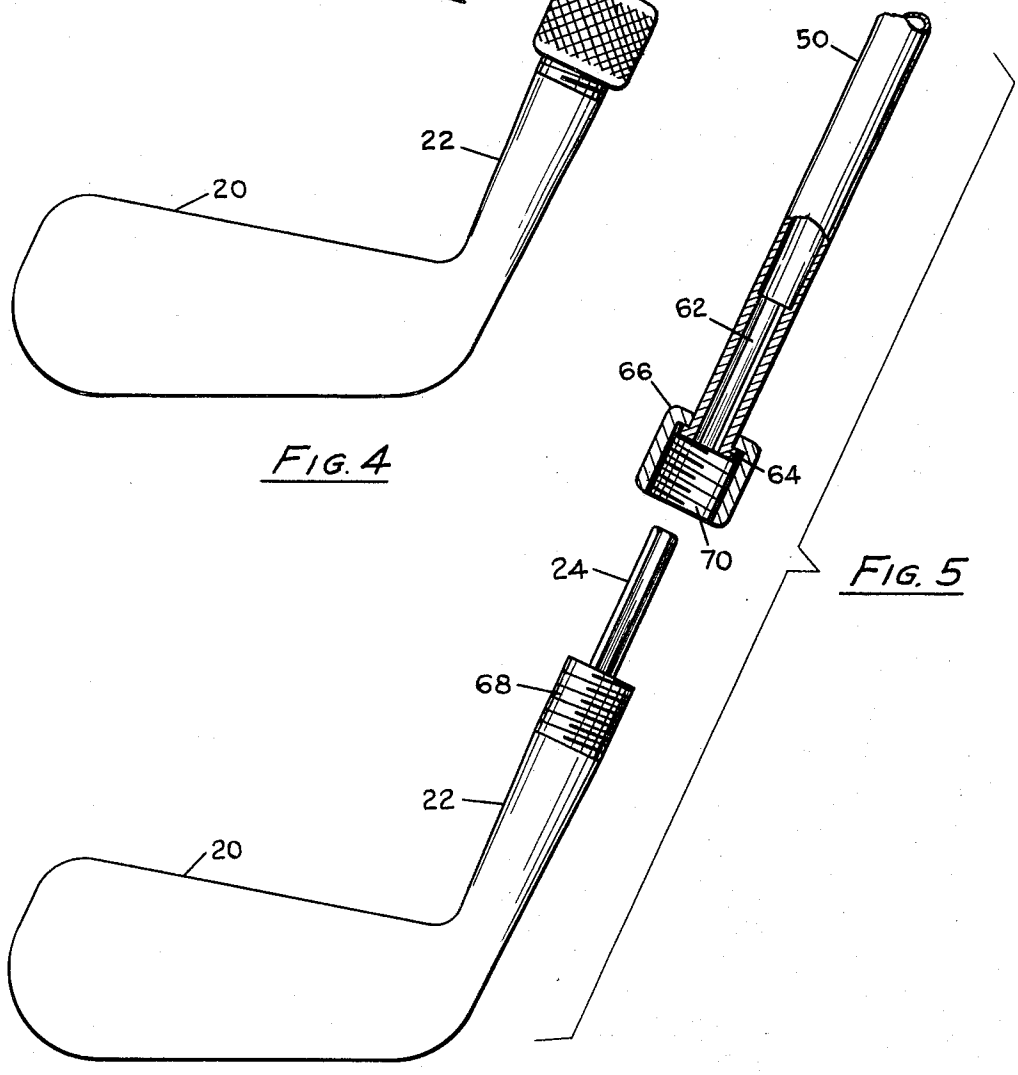


FIG. 5

GOLF SET

BACKGROUND OF THE INVENTION

Although it has been proposed to provide a plurality of golf club heads which may be selectively connected to a single golf club handle, to the best of applicant's knowledge, no effective golf club set complete with carrying means has been proposed.

BRIEF DESCRIPTION OF THE INVENTION

The present invention provides a carrying case for carrying a plurality of golf club heads, the carrying case having a chamber in which golf balls are stacked. An upper aperture and a lower aperture communicate from the outside of the case with the inside of the chamber, and golf balls can be inserted through the upper aperture and removed from the lower aperture. Means is provided for opening and closing the apertures to allow insertion and dispensing of golf balls.

Accordingly, it is an object of the present invention to provide an improved golf set utilizing a plurality of golf club heads selectively connectable to a single handle.

Another object of the invention is to provide a carrying case for a plurality of golf club heads plus a single handle connectable to any one of the heads.

A further object of the invention is to provide a carrying case with means for convenient dispensing of golf balls.

A further object of the invention is to provide a golf set in which a plurality of golf club heads are carried on the inside of a carrying case and a golf club handle is carried on the outside of a carrying case.

Among the other objects of the invention are to provide a golf club set complete with heads, handle, and carrying case which is lighter and less bulky than conventional golf sets utilizing a bag, which can be conveniently carried on a golf course by the user, and which is simple and economical to manufacture.

Other objects of this invention will appear from the following description and appended claims, reference being had to the accompanying drawings forming a part of this specification wherein like reference characters designate corresponding parts in the several views.

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. **1** is an elevational view of a golf set including a carrying case with one side of the carrying case being removed to reveal the interior thereof;

FIG. **2** is an end elevational view, partly viewed along section line **2—2** of FIG. **1** and looking in the direction of the arrows;

FIG. **3** is an elevational view of the golf set looking at the opposite side as compared to FIG. **1**;

FIG. **4** is a view of a golf club head included in the set; and

FIG. **5** is a fragmentary exploded view illustrating the manner in which a golf club head and a golf club handle are connected together.

Before explaining the present invention in detail, it is to be understood that the invention is not limited in its application to the details of construction and arrangement of parts illustrated in the accompanying drawings, since the invention is capable of other embodiments and of being practiced or carried out in various ways. Also, it is to be understood that the phraseology or terminology employed herein is for the purpose of description and not of limitation.

DETAILED DESCRIPTION

The golf set **10** includes a carrying case **12** having a front side **14** and a rear side **16** connected together by a hinge **18** so that the carrying case can be opened in the manner shown in FIG. **2.** A plurality of different golf club heads **20** are mounted inside the carrying case. Each of the heads **20** has a shank **22** with a reduced tip portion **24.** Inside the case there are two platforms **26** and **28** in a stairstep configuration, and each of these platforms has a series of apertures in which the shanks **24** are received to mount the heads **20.** The heads may be further retained by collars **30** through which the shanks **22** may be respectively inserted.

At one end of the inside of the carrying case, there is a partition **32** which forms a chamber **34** for receiving golf balls. The golf balls **36** are stacked vertically inside the chamber **34.**

An upper aperture **38** and a lower aperture **40** communicate through the outside wall of the carrying case to the chamber **34.** Golf balls may be inserted through the upper aperture **38,** stacked in the chamber **34,** and removed from the lower aperture **40.** There is a lower slanting ramp **42** on which the golf balls may roll out through the aperture **40.**

An upper cover means **44** and a lower cover means **46** are provided at the apertures **38** and **40** respectively. Each of these cover means is swingably connected to the outside of the case so that each cover can be pivoted back and forth to open and close the respective aperture.

The carrying case **12** has a handle **48** at the top thereof so that the case can be conveniently carried around a golf course. A single golf handle **50** is removably mounted on the outside of the case **12,** for example, by retaining the handle **50** in hooks **52.** The hooks **52** may be conveniently attached to the exterior of the back side **16** of the case.

Also mounted on the back side of the case is at least one, and preferably several, collars **30'** similar to the collars **30** on the inside of the case. The collars **30'** have apertures in them through which the shank **22** of a golf club head **20** may be inserted for carrying the head **20** on the exterior of the golf case. In this manner, a head **20** can be removed from the interior of the case and temporarily carried on the outside of the case when the golfer decides that he will have frequent occasion to use a particular head **20.** Also, the exterior collars **30'** allow the golfer to add more clubs to his set when he wishes.

A tee mount **54** is also attached to the outside of the case, the mount having apertures in which tees **56** may be carried.

Retractable legs **58** are pivotally mounted on the outside of the case. The legs are shown in a horizontal position, but they may be pivoted to a vertical position and stuck into the ground when the user puts the case down. This provides a solid footing for the case when it is put down.

Referring to FIGS. **4** and **5,** there is shown a means **60** for detachably connecting together a head **20** and the handle **50.** The handle **50** is tubular at its lower end, and has a recess **62** therein for receiving the reduced tip portion **24** of the shank **22** of head **20.** The lower end of the handle **50** has an enlarged flange **64.** A

sleeve 66 is retained by the flange 64 and is rotatable on the lower end of the handle 50. The shank 22 has external threads 68 and the sleeve 66 has internal threads 70 so that the sleeve may be screwed onto the threads 68 for tightly connecting the head 20 to the handle 50. All of the heads 20 in the golf set have the same type of connecting means 60.

Thus, the invention provides a convenient golf set which eliminates all but one of the handles of a conventional golf set. Thus, the weight and bulk of the set is reduced considerably. A carrying case for carrying the heads and handle is provided, and the case also has means for convenient dispensing of golf balls.

Having thus described my invention, I claim:

1. In a golf set having a carrying case with a hingedly mounted front side, the improvement which comprises:

a lower horizontal platform inside said case immediately behind said hinged front side, and an upper horizontal platform inside said case behind and above said lower platform, each of said platforms having a plurality of downwardly-extending openings therein;

a plurality of different golf club heads mounted on said platforms and extending upward therefrom inside the case, each of said club heads having a reduced shank portion snugly received in a respective opening in the platform on which that club head is mounted, and the club heads on the upper platform extending behind and above the club heads on the lower platform;

a golf club handle having means at its lower end for releasable attachment to said reduced shank portion of each golf club head individually;

and means on the case releasably holding said golf club handle.

2. A golf set according to claim 1, wherein said last-mentioned means comprises hooks on the back side of the case at the outside.

3. A golf set according to claim 1, and further comprising means providing a vertical chamber inside said case at one end of said platforms for holding a stack of golf balls, said case having an end wall with upper and lower openings at the upper and lower ends of said chamber, respectively, and covers for said openings mounted on said end wall for individual adjustment between a position covering the respective opening and a position uncovering said opening.

4. A golf set according to claim 1, and further comprising:

a plurality of lower retaining collars disposed inside the case above said lower platform and in front of and below said upper platform in vertical alignment with the respective openings in the lower platform, said lower collars slidably receiving the club heads mounted on said lower platform;

and a plurality of upper retaining collars attached to the back side of the case on the inside above said upper platform and in vertical alignment with the respective openings in the upper platform, said upper collars slidably receiving the club heads mounted on said upper platform.

5. A golf set according to claim 4, and further comprising means providing a vertical chamber inside said case at one end of said platforms for holding a stack of golf balls, said case having an end wall with upper and lower openings at the upper and lower ends of said chamber, respectively, and covers for said openings mounted on said end wall for individual adjustment between a position covering the respective opening and a position uncovering said opening.

6. A golf set according to claim 5, wherein said means on the case releasably holding the golf club handle comprises hooks on the back side of the case at the outside.

7. A golf set according to claim 6, and further comprising collars on the back side of the case at the outside for holding tees and additional golf club heads.

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