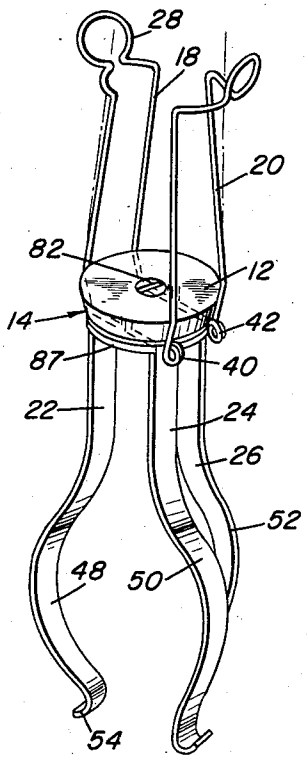
May 6, 1958 P. J. McEVOY 2,833,584

RETRIEVER FOR GOLF BALLS

Filed Feb. 2, 1956

Fig. 1



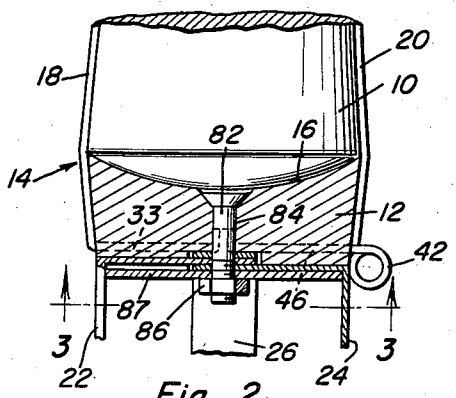
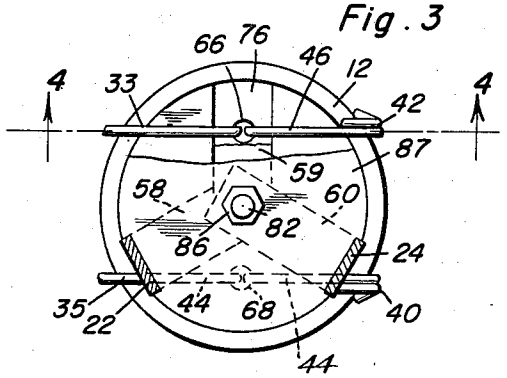


Fig. 2

Fig. 3



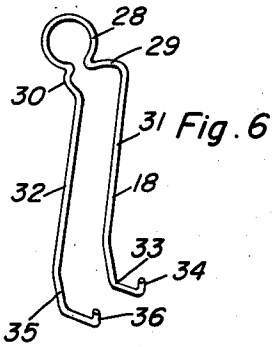


Fig. 6

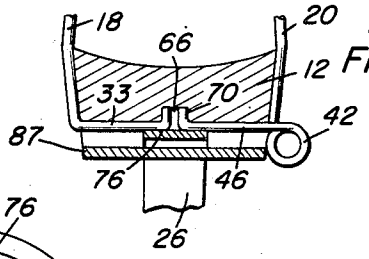
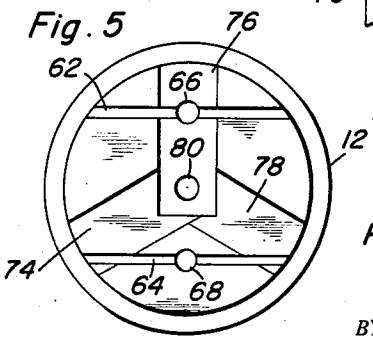


Fig. 4

Fig. 5



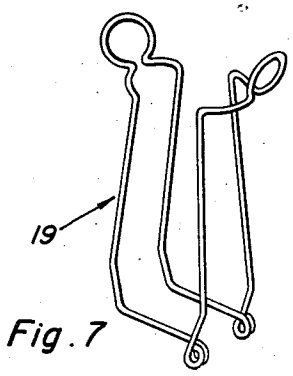


Fig. 7

Patrick J. McEvoy
INVENTOR.

BY Clarence A. O'Brien and Harvey B. Jacobson
Attorneys

United States Patent Office

2,833,584

Patented May 6, 1958

2,833,584

RETRIEVER FOR GOLF BALLS

Patrick J. McEvoy, San Francisco, Calif.

Application February 2, 1956, Serial No. 563,055

3 Claims. (Cl. 294—19)

This invention relates to improvements in retrievers for golf balls and particularly to retrievers of the type which are adapted to be removably secured to the upper end of the golf club shaft, primarily useful while practicing.

An object of the present invention is to provide an improved golf ball retriever which very easily attaches and detaches from the golf club shaft, the retriever featuring an improved, structural assembly where the spring fingers that accommodate and hold the golf ball are nested in an attachment with a light weight base.

A more specific object of the invention is to provide a practical device that is of light weight construction for attachment to the end of the golf club shaft in order to pick up golf balls, particularly while practicing, the golf ball retriever having a base adapted to fit flush against the end of the shaft together with improved means for fastening the golf club shaft and bracing frames and the spring fingers which are arranged to form a golf ball accommodating and holding pocket that opens outwardly so that the golf ball is easily picked up.

These together with other objects and advantages which will become subsequently apparent reside in the details of construction and operation as more fully hereinafter described and claimed, reference being had to the accompanying drawings forming a part hereof, wherein like numerals refer to like parts throughout, and in which:

Figure 1 is a perspective view of the retriever made in accordance with the principles of the invention;

Figure 2 is a fragmentary sectional view in an enlarged scale of the retriever of Figure 1, the end of a golf club shaft being disposed in the golf club accommodating pocket of the retriever;

Figure 3 is a sectional view taken on the line 3—3 of Figure 2, parts broken away to show otherwise hidden details;

Figure 4 is a sectional view taken on the line 4—4 of Figure 3;

Figure 5 is a bottom view of the base of the retriever;

Figure 6 is a perspective view of one of the frames that forms a part of the means for holding the retriever on the golf club shaft; and

Figure 7 is a perspective view of a modification wherein both frames are made in one piece.

The hand grip portion of a golf club shaft **10** is shown in Figure 2 in the proper relationship to base **12** when the retriever **14** is fitted on the golf club for use in retrieving golf balls. Base **12** is made of light weight block having a pocket **16** on one surface in order to accommodate the terminal part of the golf club shaft **10**. The opposite surface of the base **12** is formed with a number of recesses and passages (see Figure 5) in order to accept the angulated ends of frames **18** and **20** and also the angulated ends of spring fingers **22**, **24** and **26**, respectively.

Frames **18** and **20** constitute the yielding means for attaching the retriever **14** to the golf club shaft. Frame **18** (see Figure 6) has a finger operating loop **28** between

its ends, this loop having laterally extending legs **29** and **30** from which approximately right angular sides **31** and **32** extend. Side **31** has an angulated end **33** at the extremity of which there is a pin **34**. Side **32** has an angulated end **35** together with pin **36** at its extremity. Frame **20** is constructed much the same as frame **18**. The distinction is that frame **20** has coils **40** and **42** in its angulated ends **44** and **46**, these coils constituting springs to provide the necessary elasticity in frame **20** for gripping firmly on the surface of the hand grip portion of shaft **10**.

The spring fingers **22**, **24** and **26** have curved sections **48**, **50** and **52** intermediate their ends. Rolled edges **54** are formed at the extremities of the spring fingers in order to constitute guides for the golf balls as the fingers are inserted thereover. The curved sections form a pocket in which to accommodate and frictionally hold the golf balls after passing through the entrance of the pocket. Angulated ends **58**, **59** and **60** are formed on the spring fingers **22**, **24** and **26**. Ends **33** and **35** of frame **18** (see Figure 6) are located in the downwardly opening recesses **62** and **64** (see Figure 5) in the bottom surface of base **12**. The pins **34** and **36** are disposed in the apertures **66** and **68** intermediate the ends of the recesses **62** and **64**. Angulated ends **44** and **46** of frame **20** are also disposed in recesses **62** and **64**, but in the unoccupied portions thereof. The pins **70** at the extremities of angulated portions **44** and **46** are disposed in the apertures **66** and **68**. Ends **58**, **59** and **60** of the spring fingers **22**, **24** and **26** are superposed on the angulated ends of frames **18** and **20**. In addition, there are three radially arranged downwardly opening recesses **74**, **76** and **78** in the base **12**, these recesses accommodating respectively the angulated ends **58**, **59** and **60** of the spring fingers. Each of the angulated ends **74**, **76** and **78** is provided with an aperture, these apertures being alined in order to form a passageway **80** through which bolt **82** is passed.

Bolt **82** passes through passageway **80** and an aligned passage **84** that is formed in the center of the base **12**. When washer plate **87** is placed on bolt **82**, the nut **86** is screwed onto the bolt **82** and all of the fingers and both of the frames are assembled with each other on the base **12** with their respective angulated ends being held in the recesses and apertures formed in the bottom of the base **12** for the specific accommodation of these parts. Therefore, the single bolt **82** with its nut **86** and plate **87** are all that are necessary to hold the yielding frames for embracing a golf club shaft and the spring fingers assembled on base **12**.

As seen in Figure 7, frames **18** and **20** may be made in one piece to thereby produce a single frame **19** having all of the parts of the pair of frames except the pins at the ends thereof. Frame **19** is held in place by the bolt **82** and nut **86** in a manner similar to the attachment of frames **18** and **20**.

In use, retriever **14** is attached to the golf club shaft by inserting the handle grip portion of the shaft between the frames **18** and **20**. The inherent elasticity of frame **20** holds this frame tightly against the handle grip while the pocket **16** accommodates the extreme end of the shaft. Then the retriever is ready to be used with the golf club acting as the elongated handle thereof. Although the attachment may be used on the fairways and greens of a golf course, its primary use is in practicing either indoors or on practice areas.

The foregoing is considered as illustrative only of the principles of the invention. Further, 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 and operation shown and described, and accordingly all suitable modifications and

equivalents may be resorted to, falling within the scope of the invention as claimed.

What is claimed as new is as follows:

1. On a golf club shaft, a golf ball retriever comprising a base against which the end of the shaft is adapted to seat, yielding means carried by said base for releasably securing said base to the shaft, said yielding means comprising a pair of spaced frames, at least one of said frames having a spring operatively connected with it and opposing movement thereof in one direction, spring fingers arranged to accept and hold a golf ball therebetween, and means fastening said frames and said fingers to said base.

2. On a golf club shaft, a golf ball retriever comprising a base against which the end of the shaft is adapted to seat, yielding means carried by said base for releasably securing said base to the shaft, said yielding means comprising a pair of spaced frames adapted to embrace an end of the shaft, spring fingers arranged to accept and hold a golf ball, said fingers and said frames each having angulated ends which are superposed on each other, and means secured to said base and disposed on said ends for securing said fingers and said frames to said base.

3. On a golf club shaft, a golf ball retriever comprising a base against which the end of the shaft is adapted to seat, yielding means carried by said base for releasably securing said base to the shaft, said yielding means comprising a pair of spaced frames, at least one of said frames having a spring operatively connected with it and opposing movement thereof in one direction, said frames being generally U-shaped having leg portions and a bight portion, said bight portion being offset from said leg portions and of a generally arcuate shape whereby the frames can securely grasp said shaft, spring fingers arranged to accept and hold a golf ball therebetween, and means fastening said frames and said fingers to said base.

References Cited in the file of this patent

UNITED STATES PATENTS

560,592	Main	May 10, 1896
1,658,145	Uyei	Feb. 7, 1928
1,830,520	Moyses	Nov. 3, 1931
2,448,644	Williams	Sept. 7, 1948

FOREIGN PATENTS

21,000	Great Britain	Aug. 18, 1900