July 30, 1929. E. R. KAPPELER 1,722,848

GOLF TRAINING DEVICE

Filed Dec. 13, 1926 2 Sheets-Sheet 1

Fig. 1.

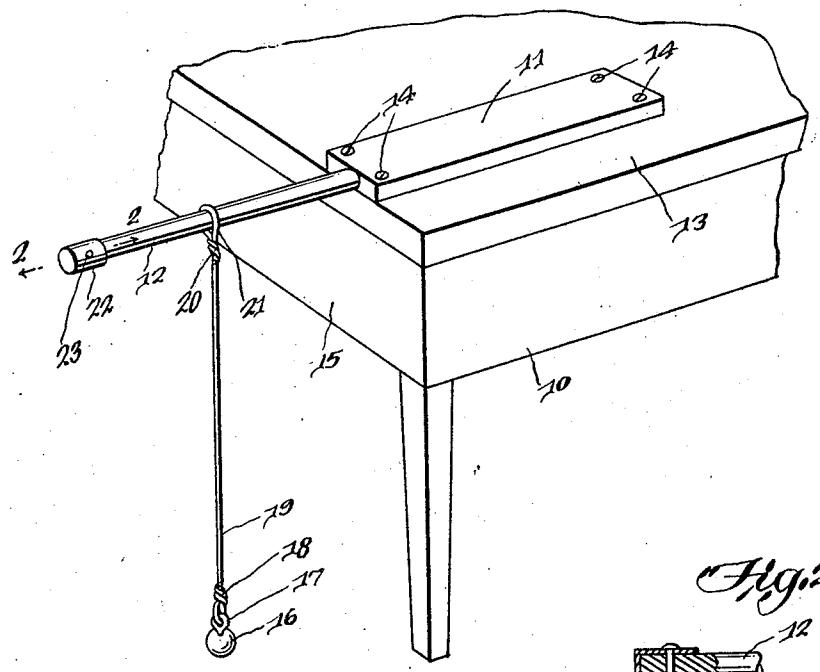
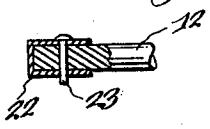


Fig. 2.



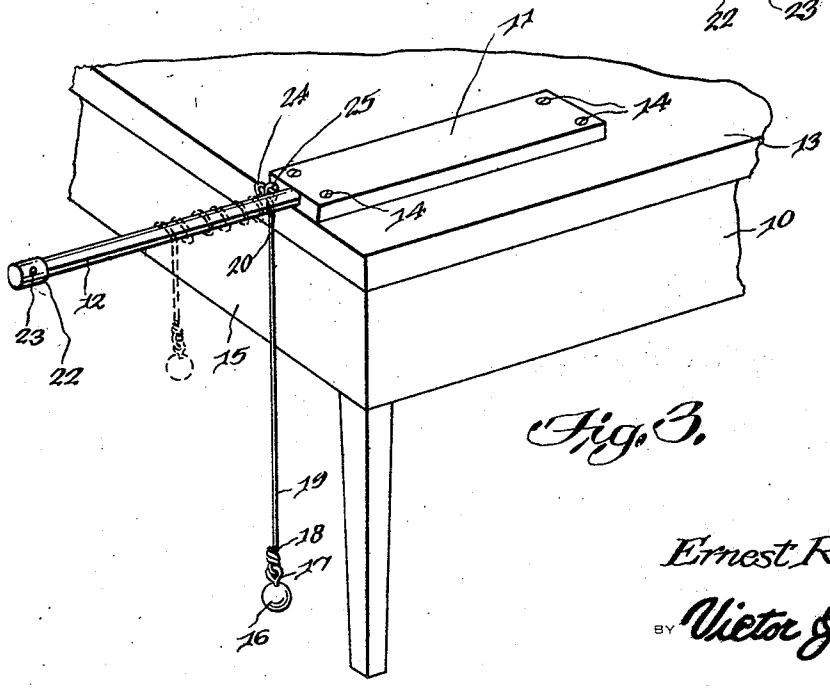


Fig. 3.

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Filed Dec. 13, 1926 2 Sheets-Sheet 2

Fig. 4.

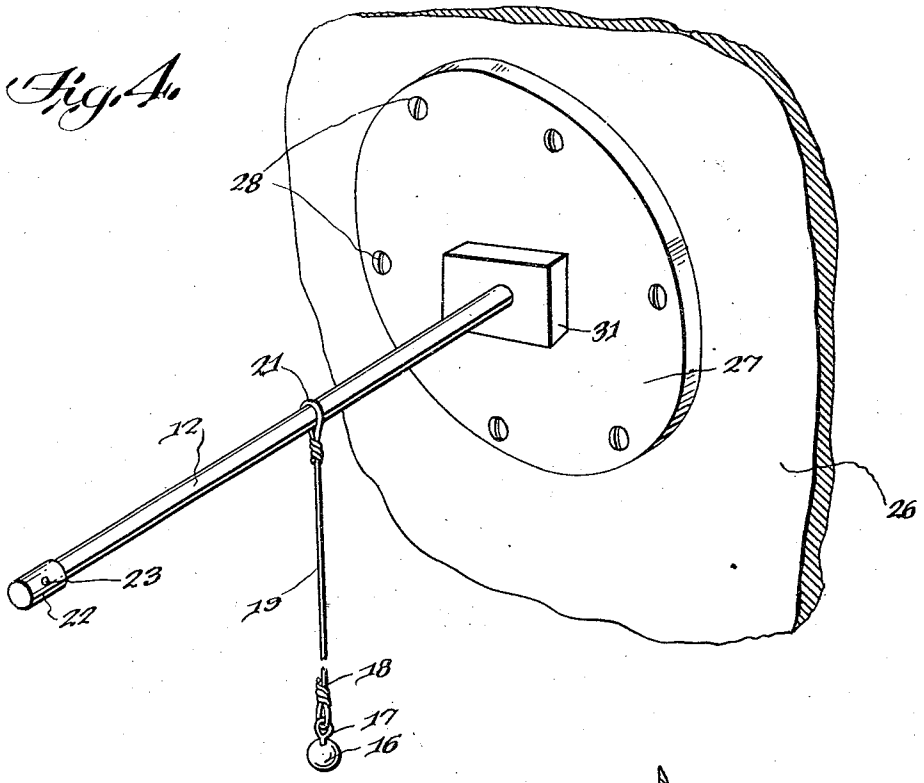
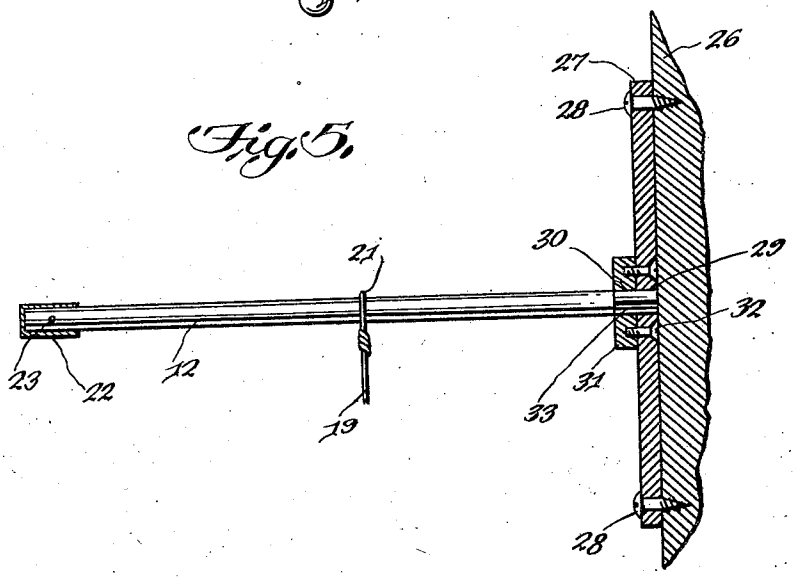


Fig. 5.



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UNITED STATES PATENT OFFICE.

ERNEST R. KAPPELER, OF CHICAGO, ILLINOIS, ASSIGNOR TO ANNA ELEANOR KAPPELER, OF CHICAGO, ILLINOIS.

GOLF-TRAINING DEVICE.

Application filed December 13, 1926. Serial No. 154,615.

This invention relates to certain novel improvements in golf training devices and has for its principal object the provision of an improved construction of this character which will be highly efficient in use and economical in manufacture.

Among the several objects of the invention is the provision of a device of the character hereinafter described upon which a golf player may practice for improving his stroke and for ascertaining the trueness of striking the ball.

Other objects will appear hereinafter.

The invention consists in the novel combination and arrangement of parts to be hereinafter described and claimed.

The invention will be best understood by reference to the accompanying drawing, showing the preferred form of construction, and in which:

Fig. 1 is a perspective view of the invention,

Fig. 2 is a fragmentary sectional detail view taken substantially on line 2—2 of Fig. 1,

Fig. 3 is a perspective view of the invention showing a modified form of construction,

Fig. 4 is a perspective view of the invention showing a still further modified form of construction, and

Fig. 5 is a vertical longitudinal sectional detail view of the invention shown in Fig. 4.

Referring particularly to Figs. 1 and 2 10 indicates a table or other stationary support upon and to which the invention is secured. The invention includes a body having a relatively large tail portion 11. Projecting from the tail portion 11 is a supporting rod 12 formed substantially cylindrical in cross section. The tail portion 11 is secured to the table top 13 through the medium of screws 14. The tail portion 11 when secured to the table top 13 will project the supporting rod 12 outwardly from the table 10 in a direction substantially at right angles with respect to the side 15.

16 indicates a golf ball of any approved construction. This golf ball is secured thereto by an eyelet 17 to which one end portion 18 of a suspension cord 19 is secured. The upper end portion 20 of this cord is provided with a loop 21 which is adapted to embrace the supporting rod 12. The loop 21 is prevented from displacement from the supporting rod 12 through the medium of a cap 22 which is secured to the outer end portion of the rod 12 by a pin 23. In practicing the golf ball 16 is suspended from the rod 12 through the medium of the cord 19. It is the aim of the player to strike this golf ball with such force as will cause the golf ball to revolve about the rod 12 and the number of revolutions made will depend upon the force of impact to the ball. For example, the golf player will hold the golf club (not shown) in the usual manner in his hands for making a drive. He then brings the golf club into striking position with the golf ball and the force of that strike will cause the golf ball to revolve about the rod 12. If the strike was light the golf ball will only revolve a small number of times about the rod 12, indicating that the force of the strike was not sufficient. On the other hand, if the strike is equal to the necessary force to make an effective drive the golf ball will revolve about the rod 12 a greater number of times. Again, should the player swing the club so as not to strike the ball for a true drive the ball will be caused to diagonally revolve about the rod 12 and thereby the player will be in a position to know when he has not made a true drive.

A suitable score card may be connected to enable the player to ascertain the number of times the ball revolving about the rod 12.

Referring to Fig. 3 the invention is shown in a modified form of construction and in this construction there is added to the invention a hook-shaped element 24 to which the loop 25 at the upper end portion of the suspension cord 19 is attached.

In practice, the suspension cord is hooked to the hook-shaped element 24 to suspend the ball 16 from the rod 12. It is the object of the player to wind the suspension cord about the rod 12 in the least number of strikes. If, for example, the strike is not sufficient to wind the cord about the rod 12 it is an indication that the force of the strike has not been sufficient for effecting an ultimate drive. If the ball is struck sideways it will be obvious that the winding of the cord about the rod 12 will not be close winding. This, therefore, indicates that the player has not truly struck the ball for a straight drive.

In Figs. 4 and 5 I have shown the rod 12 as suspended from a wall 26. To accom-

plish this, a guard plate 27, of an appropriate thickness, is secured to the wall 26 by screw members 28. This plate 27, which may be of any approved material, has formed thereon a square opening 29. Registering with this square opening 29 is a square opening 30 formed in a plate 31 secured from the back of the plate 27 through the medium of bolts 32. In this form of construction the rod 12 has an end portion 33 which is substantially square in cross section for snug fit in the square openings 29 and 30. The device as shown in Figs. 4 and 5 is especially adapted for indoor use and the method of practice is substantially the same as the method of practicing with the device shown in Figs. 1 and 3.

From the above description it will be manifest that by the use of a practicing golf device as herein set forth the player may adapt himself to the proper movement of handling the golf club for the striking of the ball to assure a true, straight and effective drive. If, when using a practicing device as herein set forth, the drive is not true or effective, it manifestly appears by the relationship of the suspension cord 19 with respect to the rod 12.

It is to be understood that the several elements comprising my invention may be formed of any suitable material and may be of any configuration as will best serve the purpose.

While I have illustrated and described the preferred form of construction for carrying my invention into effect, this is capable of variation and modification, without departing from the spirit of the invention. I, therefore, do not wish to be limited to the precise details of construction set forth, but desire to avail myself of such variations and modifications as come within the scope of the appended claims.

The invention having been set forth, what I claim as new and desire to secure by Letters Patent is:

1. In a practicing device, the combination with a stationary support, a guard plate secured to the stationary support and having a substantially square opening formed centrally therein, a second plate secured to the guard plate and having a substantially square opening formed therein for registration with the first mentioned opening, a supporting member substantially cylindrical in cross section and having an inner end portion formed substantially square in cross section for engagement in the openings, a ball, and means suspending said ball from said supporting member.

2. In a practicing device, the combination with a stationary support, a guard plate secured to the stationary support and having a substantially square opening formed centrally therein, a second plate secured to the guard plate and having a substantially square opening formed therein for registration with the first mentioned opening, a supporting member substantially cylindrical in cross section and having an inner end portion formed substantially square in cross section for engagement in the openings, a golf ball, a suspension cord having one end portion connected to the golf ball and having an upper end portion providing a loop adapted to embrace the supporting member.

3. In a practicing device, the combination with a stationary support, a guard plate secured to the stationary support and having a substantially square opening formed centrally therein, a second plate secured to the guard plate and having a substantially square opening formed therein for registration with the first mentioned opening, a supporting member substantially cylindrical in cross section and having an inner end portion formed substantially square in cross section for engagement in the openings, a golf ball, a suspension cord having one end portion connected to the golf ball and having an upper end portion providing a loop adapted to embrace the supporting member, and a cap positioned on the upper end portion of the supporting member for preventing displacement of the loop from the supporting member.

In testimony whereof I affix my signature.

ERNEST R. KAPPELER.