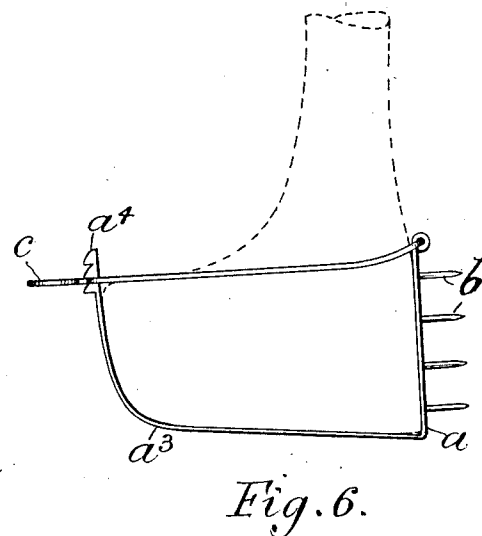
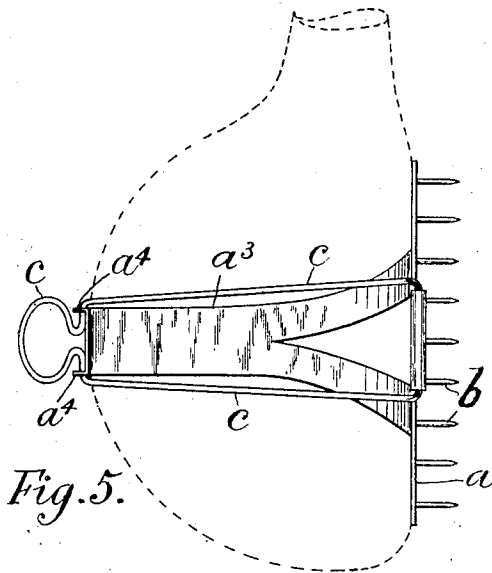
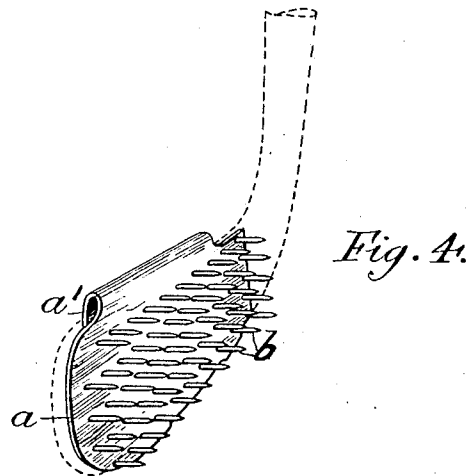
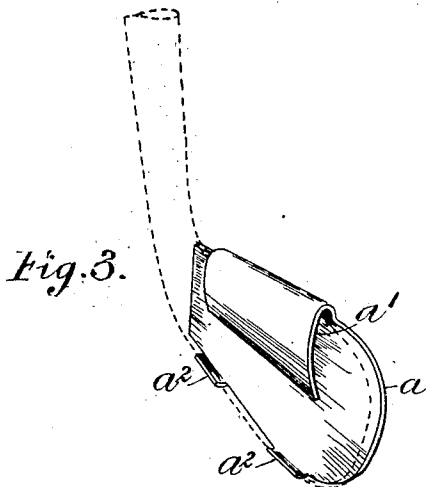
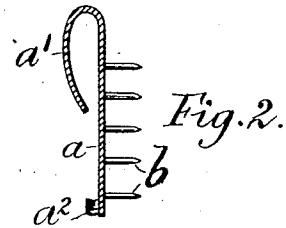
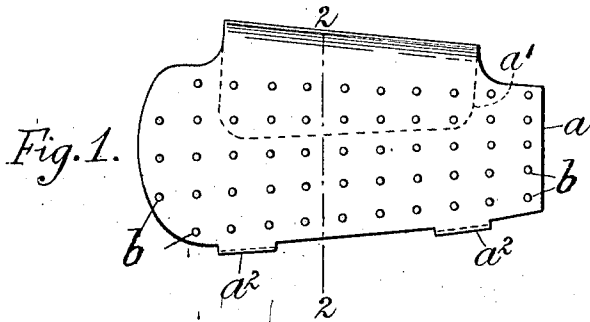


Aug. 7, 1923.

1,464,029

O. COUGHTRIE
 DEVICE FOR USE IN PRACTICING THE GAME OF GOLF AND OTHER GAMES AND
 FOR LIKE PURPOSES
 Filed June 13, 1921



Inventor:
 Oliver Coughtrie.
 By H.T. Gee Attorney.

UNITED STATES PATENT OFFICE.

OLIVER COUGHTRIE, OF DEAL, ENGLAND.

DEVICE FOR USE IN PRACTICING THE GAME OF GOLF AND OTHER GAMES AND FOR LIKE PURPOSES.

Application filed June 13, 1921. Serial No. 477,300.

To all whom it may concern:

Be it known that I, OLIVER COUGHTRIE, a subject of George V, King of Great Britain and Ireland, residing at The Nest, Stanley Road, Deal, in the county of Kent, England, have invented certain new and useful Improvements in Devices for Use in Practicing the Game of Golf and Other Games and for like Purposes, of which the following is a specification.

This invention relates to a device for use in practicing golf and for like purposes, for example, practicing other games in which a club or the like is used to strike a ball.

In playing golf, it is important that the ball be struck correctly, otherwise defective play results. Expert players can by long practice and experience, judge fairly accurately from their sense of touch whether a ball has been hit sweetly and cleanly, but the average player cannot do so, and, therefore, any means which would enable him to ascertain whether or not he uses his clubs so as to strike the ball correctly would prove very useful to him and assist him in acquiring proficiency. Now, it is the object of this invention to provide a device which can be attached to golf clubs and the like and by the use of which the player can practice his strokes with a ball in a confined space, and which shows him the part of the striking face of the club or the like used in hitting the ball.

According to this invention the device is furnished with ball-retaining means which, when the ball is struck, retain the same in position on the device.

Such means consist preferably of sharpened pins whereon the ball becomes impaled when it is struck. (The device may, therefore, be conveniently referred to hereinafter as a "ball-retainer".)

Thus the player can see at a glance by what part of the striking face he has struck the ball, and he is thereby afforded a ready means of enabling any defect in his strokes to be corrected.

The practice-ball is preferably made of cork or other suitable material.

In the drawings

Fig. 1 is a front elevation of the preferred form of ball-retainer constructed in accordance with this invention and for use with golf clubs having an iron head, such as cleek, midiron or mashie.

Fig. 2 is a section on line 2—2 of Fig. 1.

Figs. 3 and 4 are rear and front perspective views respectively of the ball-retainer in position on an iron golf-club which is indicated in broken lines; and

Figs. 5 and 6 are plan and side elevation respectively of a modified form of ball-retainer constructed in accordance with this invention and shown in position on a wooden or aluminium golf-club indicated in broken lines.

Referring to the drawings, the ball-retainer consists of a plate *a* which is shaped to fit the striking face of the club on which it is to be used and which is provided on its outer face with rigid forwardly projecting pins *b* sharpened at their front ends.

For use with iron clubs as indicated in broken lines in Figs. 3 and 4, the plate *a* is preferably made of spring-steel and provided with clips *a*¹ and *a*² which are sprung inwards so that, when the ball-retainer is pushed on to the club-head, they draw the plate *a* into close engagement with the driving surface of the club and maintain the ball-retainer firmly in position on the club-head.

In the case of larger club-heads such as those of wood or aluminium indicated in broken lines in Figs. 5 and 6, the means employed for fastening the ball-retainer thereon conveniently comprise an arm *a*³ which extends from the plate *a* underneath and up the rear face of the club-head. The marginal portions of the upper end of this arm are bent rearwardly and serrated to form teeth *a*⁴. The front upper edge of the plate *a* has hinged thereto a spring-wire clip *c* which lies tightly in contact with the upper surface of the club-head and the rear end of which is snapped into engagement with whichever of the teeth *a*⁴ is found to be most suitable to the thickness of the club-head employed.

The pins *b* are preferably arranged at right angles to the plate *a* though they may, if desired, be disposed at some other angle. It is preferable to make them thin and parallel sided throughout excepting at their extreme front (pointed) ends. They may stand out from the plate *a* a distance of about $\frac{1}{4}$ of an inch to $\frac{3}{8}$ of an inch and may be spaced about $\frac{3}{16}$ of an inch apart. In some cases the surface of the plate *a* may be marked off into sections, each section be-

ing numbered or otherwise designated so as to enable the player to register the value of his strokes.

5 The pins may be formed with a collar or enlarged shoulder near their inner ends so that by riveting their inner extremities over on the back of the plate *a* the shoulders become drawn tightly against the front face of the said plate, whereby the pins become
10 fixed rigidly in position.

In some cases, the pins *b* may constitute outwardly punched portions of the plate *a*.
I claim:—

15 1. A device for attachment to the head of a golf-club for the practice of golf comprising a plate of substantially the same outline as said head and having also rearwardly

extending clips for detachably securing it friction-tight on said head, and sharpened pins projecting forwardly from substantially the whole front area of said plate. 20

2. A device, for practicing golf and other like ball games, comprising a plate provided with an arm having a toothed extremity, a clip hinged to said plate and adapted to
25 engage said toothed extremity, and sharpened points projecting from said plate.

In testimony whereof, I have signed my name to this specification in the presence of a subscribing witness.

OLIVER COUGHTRIE.

Witness:

H. T. P. GEE.