July 23, 1935. R. W. CARMICHAEL 2,008,944

GOLFER'S CLUB SWING PERFECTER

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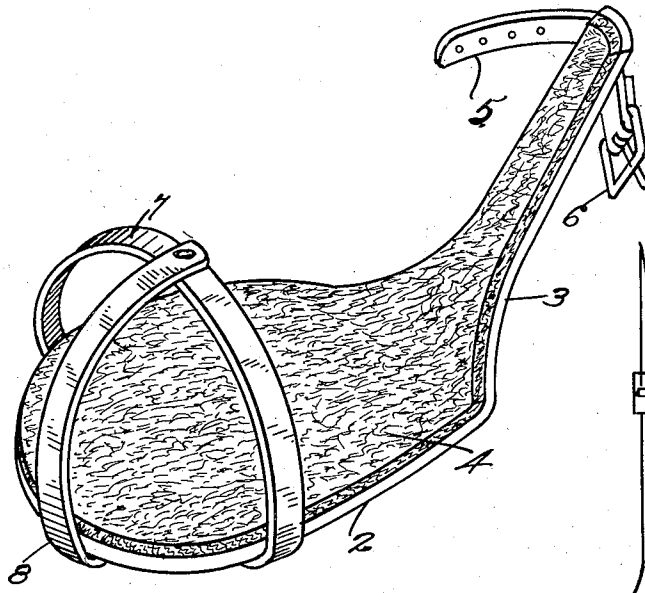


Fig. 1.

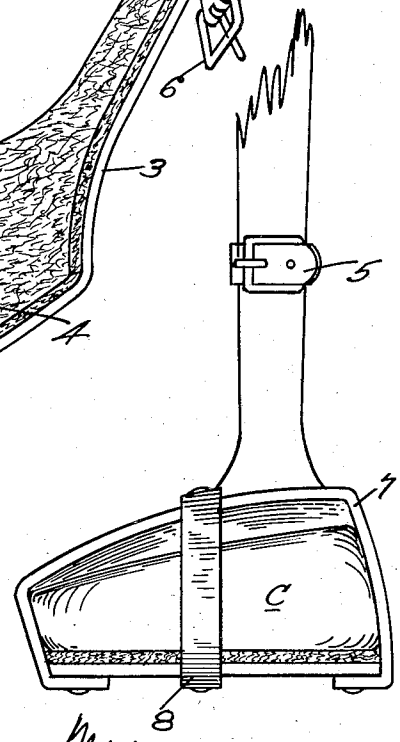


Fig. 2.

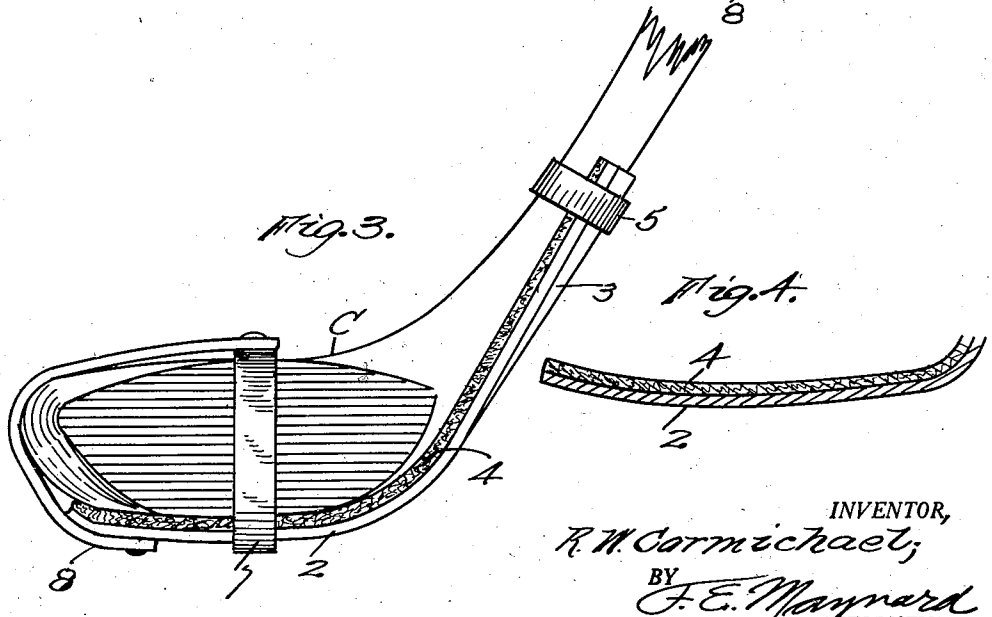


Fig. 3.

Fig. 4.

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GOLFER'S CLUB SWING PERFECTER

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3 Claims. (Cl. 273—35)

This invention relates to the game of golf and consists of a weight attachment applicable to various species of conventional clubs utilized in playing the game of golf.

It is a general object of the invention to provide a means which will have the purpose of soon improving the swing of the clubs by the player by enabling him or her to overcome bad habits of playing strokes, particularly to eliminate what is known to skilled players as "slicing" the ball because of faulty stroke or swing of the club, and, further, to aid the skillful player just before start of a game by use of the device attached to a club for limbering up the muscles by practice swings.

More specifically it is an object to provide a weight device which may be easily and quickly attached to a desired club without need of any changes of or injury to the club.

Additionally, an object is to provide a weight increasing attachment of such form and adapted for such arrangement on the club as not to materially affect the air resistance of the club during swing thereof so that the player will not sense a difference in stroke resistance with or without the attachment due to air reaction.

The invention consists in certain advancements in this art as set forth in the ensuing disclosure and having, with the above, additional objects and advantages as hereinafter developed, and whose construction, combination and details of means, and the manner of operation will be made manifest in the description of the herewith illustrative embodiment; it being understood that modifications, variations and adaptations may be resorted to within the scope, principle and spirit of the invention as it is more directly claimed hereinbelow.

Figure 1 is a perspective of the play perfecter.

Figure 2 is an end vew of the device as applied to a golf club, and

Figure 3 is a frontal elevation thereof.

Figure 4 is a transverse, sectional view of the device.

In its preferred embodiment the perfecter includes what might be termed the sole part 2 and from the heel or rear end of which there extends an upwardly and rearwardly inclined shank 3; it being understood that the sizes and shapes of the said parts will be governed by the size, shape and kind of club to which the player will desire to adapt it, namely, as to a driver, a brassie, a spoon or other type of club permissible of use in the game.

It is desirable to bring the center of gravity of the device as near as possible to the center of gravity of the club head and to present as little as possible of frontal face to the direction of stroke as may be so as to avoid objectionable air resistance over that offered by the club itself. To that desired end the sole part 2 is in the form of a flat or discal plate as, also, is the shank 3; the whole being of such thickness as to afford the desired amount of weight and, say, about equal to that of the given type of club to which it is intended to be applied. Hence, in practice with the device on a club, the player is handling a combined weight about twice that of the unloaded club.

The sole 2 and the shank 3 will be shaped to approximate the contour of the adaptable club and in order to insure a snug fit and prevent undue or any play of the device on the club to which it may be normally fitted the inner face of the device is provided with a suitable thickness of cushioning material such as a layer of felt 4, which serves the additional purpose of protecting the finish of the club from damage.

To effect firm attachment of the perfecter to the club C, a strap 5 having a suitable fastener, as a buckle 6, is provided at the upper end of the shank 3, and a cross-strap 7 is fixed to the sole part and a toe strap 8 connects the top of the strap 7 to the toe end of the part 2.

The device is simple, substantial, durable, easily applied and removed, and is inexpensive.

The added weight of the device is designed to help the golfer get the "feel" of the club head and if used in practice will automatically encourage:—starting the club back with the left arm; "cocking" of the wrist at top of the backswing; starting down with a left arm pull; snapping of the wrist and the right hand at the moment of impact, and the "follow through" motion.

If used as an exerciser just before starting a game a few swings of the club loaded with the weight device will limber up the player and when the weight is removed from the club, this will feel light in his hands at start of the game.

The straps which fit over the head of the club are preferably of elastic material which is placed under tension and act to contractively grip the head securely in the applied perfecter.

What is claimed is:

1. A device of the class described to adapt the club for non-driving practice only and composed of a weight member temporarily attachable to the head of a golf club and lying principally under and close to the bottom of the club head and having head and shank embracing means for its

secure attachment and ready removal and including parts affixed to the weight and attachable to the head without mechanical alteration thereof.

2. A device of the class set forth and adaptable for non-ball-driving club practice and including a thin, weight-forming body member fitting close to the head of a golf club to which it is adapted and presenting a thin face area at the drive face of the club so as to effect a minimum air resistance during swing of the club and having a shank extending up along the staff of the club and toe and shank strap means affixed to said member for harnessing it to the club.

3. A device attachable to a golf club to temporarily weight it for non-driving practice swing, and comprising a thin metal plate substantially co-extensive with the bottom area of the club head, and having a shank to extend along and lie against the lower end of the club staff, and harness means attached to said plate and including a set of toe straps forming a receiver for the club head and tie strap fixed to said shank to fasten around the staff and secure the said member in lapping position on the bottom of the club head, and a club protective padding fixed to the inner face of the plate.

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