March 2, 1926.

1,575,364

R. R. HODGKINS

GOLF CLUB HEAD

Filed Dec. 1, 1924

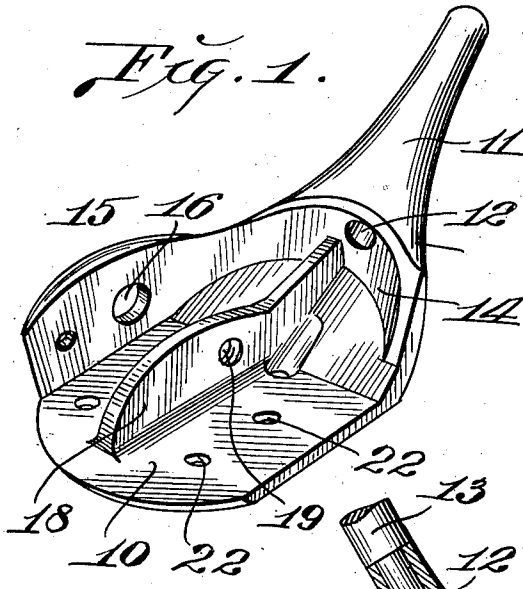


Fig. 1.

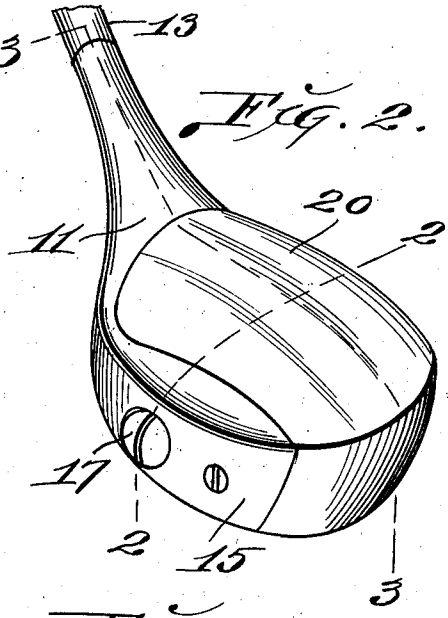


Fig. 2.

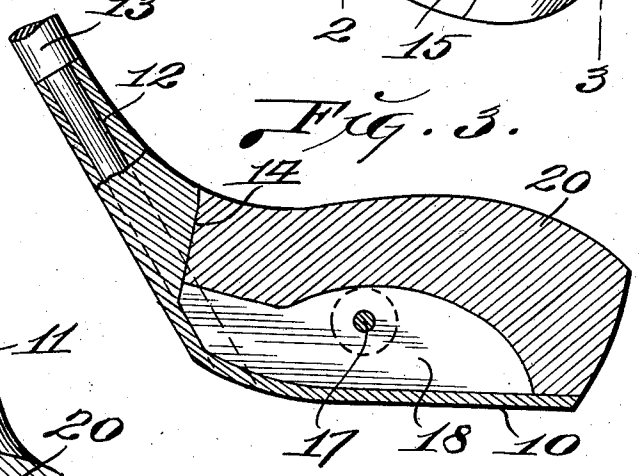


Fig. 3.

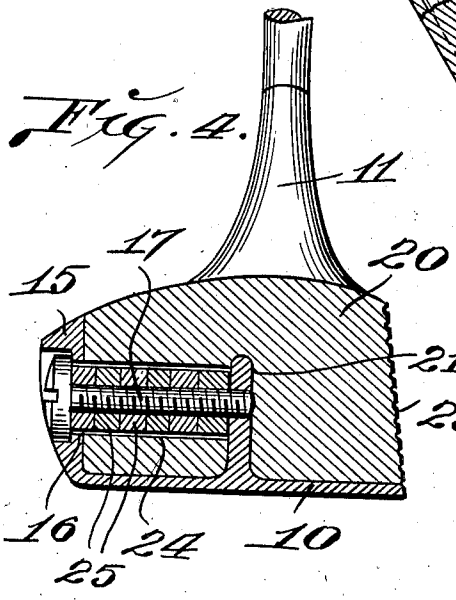


Fig. 4.

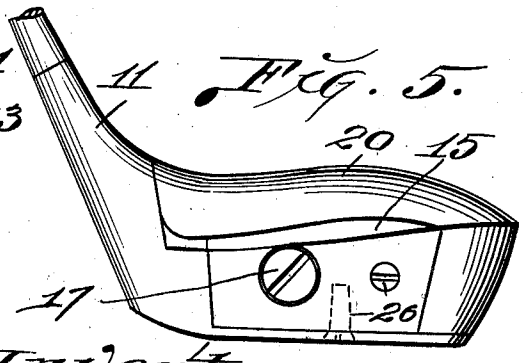


Fig. 5.

Inventor:—
R. R. Hodgkins,
By Martin & Smith, Atty

Patented Mar. 2, 1926. 1,575,364

UNITED STATES PATENT OFFICE.

REGINALD R. HODGKINS, OF LOS ANGELES, CALIFORNIA.

GOLF-CLUB HEAD.

Application filed December 1, 1924. Serial No. 753,133.

To all whom it may concern:

Be it known that I, REGINALD R. HODGKINS, a citizen of the United States, residing at Los Angeles, in the county of Los Angeles and State of California, have invented certain new and useful Improvements in Golf-Club Heads, of which the following is a specification.

My invention relates generally to golf clubs and more particularly to the club heads that are formed of wood or of wood and metal, the principal objects of my invention being to provide a golf club head having a shoe or plate, preferably of metal, that forms a strong, substantial and rigid support for the wooden block that constitutes the main body of the head; to provide simple and efficient means for firmly securing the club head to the shaft or handle and further, to provide simple and readily detachable means for varying the weight of the club head.

With the foregoing and other objects in view, my invention consists in certain novel features of construction and arrangement of parts that will be hereinafter more fully described and claimed and illustrated in the accompanying drawings in which:

Fig. 1 is a perspective view of the shoe or plate that serves as a support for the club head and connects the same to the shaft.

Fig. 2 is a perspective view of a golf club head of my improved construction.

Fig. 3 is a vertical section taken on the line 3—3 of Fig. 2.

Fig. 4 is a cross section taken on the line 4—4 of Fig. 2.

Fig. 5 is an elevational view of a modified form of my improved golf club head.

Referring by numerals to the accompanying drawings, 10 designates a flat plate of metal, with one end of which is formed integral, an inclined tapered shank 11, the latter being perforated lengthwise as designated by 12 in order to receive the lower end of the shaft or handle 13.

The lower portion of the shank 11 terminates in a shoulder 14 that extends upwardly from plate 10 and projecting upwardly from the rear edge of said plate 10 is a block or flange 15, the inner face of which is a continuation of the shoulder 14.

Formed through this flange 15 is an aperture 16, the outer portion of which is countersunk so as to receive the head of a screw 17.

Formed integral with plate 10 and extending lengthwise on the upper surface thereof is a rib or flange 18, in which is formed a threaded aperture 19 that receives the inner end of screw 17.

The body 20 of the club head is preferably formed of wood and it is shaped so as to entirely overlie plate 10 and fit snugly against shoulder 14 and the inner face of flange 15.

Formed in the underside of the body 20 is a longitudinally disposed slot 21 that receives flange 18 and to rigidly secure the body to plate 10, screws or the like pass through suitably located apertures 22 in said plate 10 and extend upwardly into said body 20.

The striking face 23 of the club head is formed on that side of body 20 opposite to the side that bears against flange 15, and said striking face is preferably inclined slightly with respect to a vertical plane and it is also preferably provided with fine ribs or corrugations.

Rib 18 serves to reinforce and strengthen the plate 10, it also cooperates with flange 15 in resisting the force of impact between the striking face 23 of body 20 and the ball, and it also provides a firm and substantial anchorage for screw 17.

Formed in the body 20 and in alignment with aperture 16 is a bore or chamber 24 that is for the accommodation of a series of weights 25, preferably metal, of disc form and which are screw seated upon screw 17.

Inasmuch as screw 17 and the weights positioned thereupon are located in line with the approximate center of the striking face of the club head, or the point where the striking face makes contact with the ball, a practically perfect balance in the club head is established and such result materially increases the driving effectiveness of the club when the same is properly used.

Obviously, the weight of the club head may be varied and regulated to the desired degree by varying the number of weights on screw 17.

Flange 15 may be formed integral with plate 10 as illustrated in Figs. 1, 2 and 3 or, as illustrated in Fig. 5, said flange may be separately formed and secured to plate 10 and body 20 by suitable fastening devices, such as screws 26.

Thus it will be seen that I have produced a golf club head that is simple, strong and durable in structure, capable of being firmly

secured to the shaft or handle and said head being provided with relatively simple and readily operable means whereby the weight of the club head may be varied within certain limits.

It will be readily understood that minor changes in the size, form and construction of the various parts of my improved golf club head may be made and substituted for those herein described without departing from the spirit of the invention, the scope of which is set forth in the appended claims.

I claim as my invention:

1. In a golf club head, a plate, a tapered shank projecting upwardly from the rear portion of said plate, which shank is adapted to receive the club shaft, a body of wood secured to said plate and a reinforcing rib formed on said plate and projecting upwardly into said body.

2. A golf club head comprising a plate, a shaft attaching shank upwardly from one end of said plate, a flange on one side of said plate, a reinforcing rib on the central portion of said plate, a body of wood secured on top of the plate, which body bears against said flange and overlies said rib and a weight-carrying member passing through a portion of said body and detachably secured to said rib.

3. In a golf club head, a plate, a shaft-attaching shank projecting upwardly from one end of said plate, a flange on the rear side of said plate, a reinforcing rib on the central portion of said plate, a wooden body secured on top of said plate, which body overlies said rib and bears against said flange, a screw passing through said flange and seated in said rib and a series of weights carried by said screw.

4. In a golf club head, a plate, a shaft attaching shank projecting upwardly from one end of said plate, a flange projecting upwardly from the rear edge of said plate, a centrally arranged rib extending lengthwise on top of said plate, a wooden body arranged on said plate and overlying said rib, said wooden body being provided in its rear portion with an aperture, a member extending through the flange and seated in said rib and weights carried by said member and occupying the aperture within said wooden body.

In testimony whereof I affix my signature.

REGINALD R. HODGKINS.