

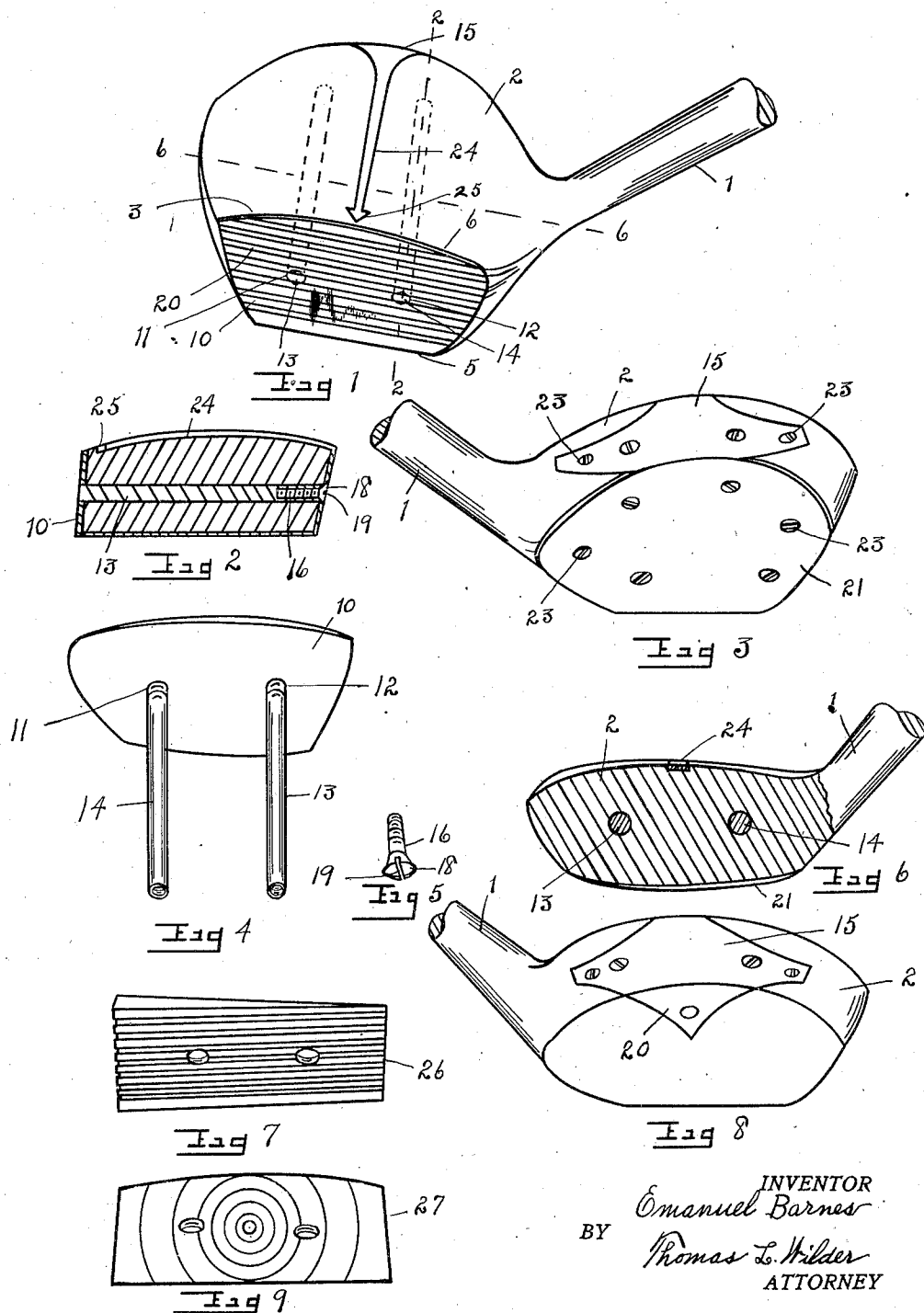
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GOLF CLUB

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GOLF CLUB.

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To all whom it may concern:

Be it known that I, EMANUEL BARNES, a citizen of the United States, residing at Yorkville, in the county of Oneida and State of New York, have invented certain new and useful Improvements in Golf Clubs, of which the following is a specification, reference being had therein to the accompanying drawing.

My invention relates to a golf club and I declare the following to be a full, clear, concise and exact description thereof sufficient to enable anyone skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings in which like reference characters refer to like parts throughout the specification.

The object of the invention is to provide a golf club that will have a head that is properly balanced and weighted. Furthermore, the head is equipped with a removable striking face, whereby the user can substitute different faces to correct himself for slicing or pulling the golf ball, when striking said ball. Moreover, the surface of the head against which the removable striking face rests is formed on an angle to aid in lofting the ball.

The object will be understood by referring to the drawings in which:

Fig. 1 is a perspective view of the golf club, showing the handle broken away;

Fig. 2 is a vertical section taken on the line 2—2 of Fig. 1;

Fig. 3 is a perspective view of the golf club looking towards the bottom thereof, the handle being broken away;

Fig. 4 is a detail perspective view of the striking face and immediate parts used on the club;

Fig. 5 is a detail enlarged view, showing a perspective of a screw bolt employed;

Fig. 6 is a transverse section taken on the line 6—6 of Fig. 1;

Fig. 7 is a detail perspective view of a removable striking face used;

Fig. 8 is a perspective view of the golf club, showing a slight modification thereof;

Fig. 9 is a perspective view of a removable convex striking face used.

Referring more particularly to the drawings, the golf club embodies a wooden shaft or handle 1, shown only in fragment and a wooden head 2. The striking surface or face 3 of head 2 tapers slightly from its

lower edge 5 towards its upper edge 6 in order to tilt the facing plate 10 that rests thereagainst, whereby said plate 10 will aid in lofting the golf ball when striking it.

Facing plate 10 is made of bone, fibre, metal or any other desirable material. It is removable and is equipped with two screw threaded apertures 11 and 12 into which are screw mounted or welded bars 13 and 14 respectively, which bars are equipped with external threads for such mounting. Bars 13 and 14 are adapted to extend through two correspondingly formed apertures made in head 2 and also through two like apertures made in metal plate 15. Screw bolts 16 engage, in each instance, the internal threads formed in apertures made in the contiguous ends of said bars 13 and 14, whereby to hold bars 13 and 14 and facing plate 10 in assembled position on head 2. The heads 18 of screw bolts 16 are convexed to make a flush fitting surface with the surface of plate 15. Moreover, slots 19 are made in each of said screw bolt heads for the reception of the end of a screw driver, not shown, to aid in turning said bolts 16. Plate 10 is provided with serrations or grooves 20 to make it more serviceable in striking the golf ball.

Metal plate 15 partially covers the side opposite the striking face of head 2 and also part of the bottom surface in the club known as the driver, as at 20 in Fig. 8 or the whole thereof in the club known as the brassie, as at 21 in Fig. 3. Furthermore, plate 15 is countersunk in head 2 in order to fit flush with the external surface thereof, with the exception of the part 21 that covers the bottom surface shown in Fig. 3 and is held in place by screws 23.

A long narrow member 24 having an arrow head 25 at one end is formed integral with plate 15 and extends across the top surface of head 2 to serve as a guide to aid the user in striking the golf ball, not shown, at the proper location of the club. The member 24 is countersunk in the top surface of head 2.

It will be observed that bars 13 and 14, facing plate 10 and plate 15 are disposed in such manner relative to head 2 as to properly distribute their weight evenly over said head 2 and, thereby, correctly balance it.

In the event that the user of the club desires to correct himself for slicing or other error, he will remove facing plate 10 by un-

screwing bolts 16 and then substituting the proper facing plate as 26 shown in Fig. 7 for slicing or as 27 shown in Fig. 9 for straight driving, or he may substitute any other plate made to correct the given error.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent is:

1. In a golf club having a head, a removable facing plate, bars having apertures adapted to extend through said head, screws for engaging said apertures in the bars, whereby to hold said bars and plate in assembled position relative to said head, another plate adapted to cover other parts of the head, and said facing plate, bars and other plate being so disposed as to properly distribute the weight thereof evenly over said head.

2. In a golf club having a head, a removable facing plate, bars adapted to extend through said head, screw bolts for engaging said bars, whereby to hold said bars and plate in assembled position relative to said head, another plate adapted to cover other parts of the head, said facing plate, bars and other plate being so disposed as to

properly distribute the weight thereof evenly over said head and means attached to said head to serve as a guide.

3. In a golf club having a head, a removable facing plate, bars adapted to extend through said head, said bars having apertures with internal screw threads, screw bolts for engaging the internal threads formed in the apertures of said bars, whereby to hold said bars and plate in assembled position relative to the head, and means for distributing the weight of said facing plate and bars evenly over said head.

4. In a golf club having a head, a removable facing plate, bars engaging said facing plate and adapted to extend through said head, apertures formed in said bars, screw bolts adapted to be projected into said apertures, whereby to hold said facing plate and bars in assembled position relative to the head, another plate adapted to cover other parts of said head, and a long narrow member extending across said head, whereby to serve as a guide.

In testimony whereof I have affixed my signature.

EMANUEL BARNES.