Nov. 6, 1923. 1,473,528

M. TOOTLE, 3D

GOLF CLUB

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Fig. 1.

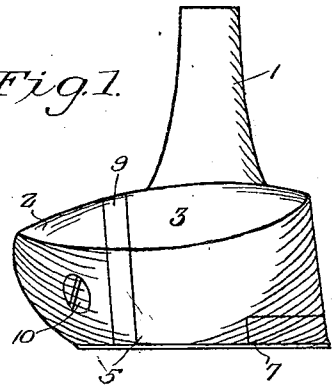
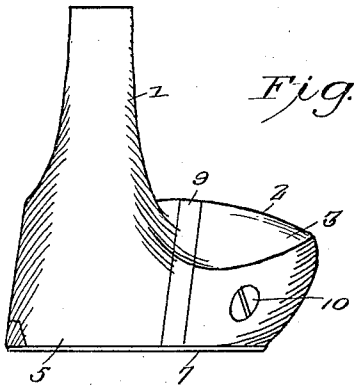


Fig. 2.



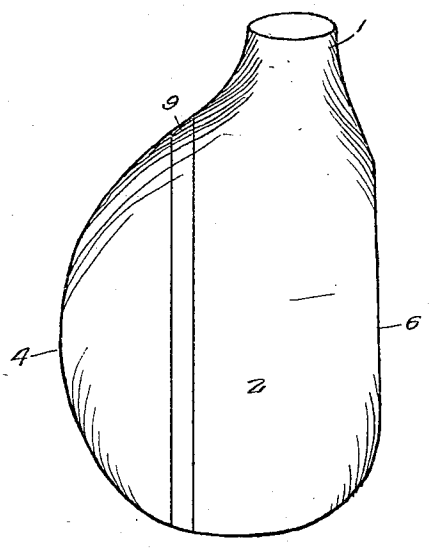


Fig. 3.

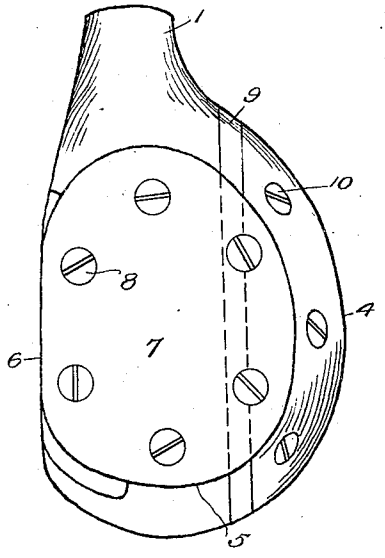


Fig. 4.

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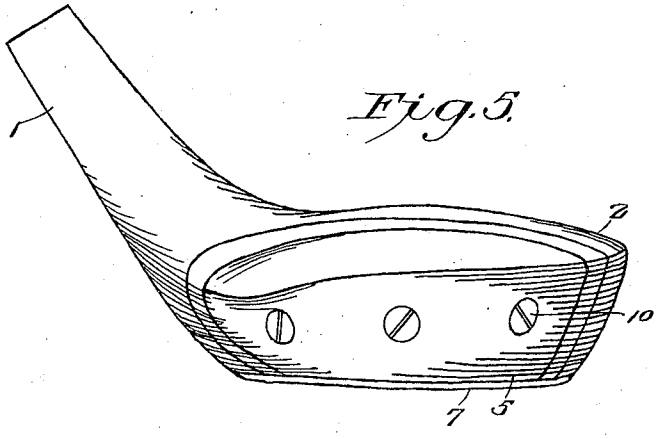
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M. TOOTLE, 3D

GOLF CLUB

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Fig. 5.



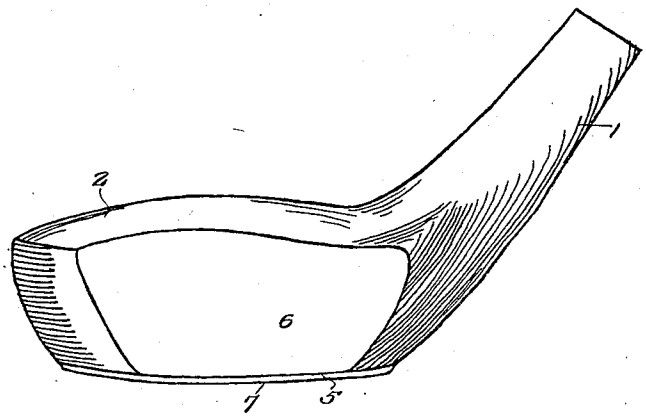


Fig. 6.

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Nov. 6, 1923. 1,473,528

M. TOOTLE, 3D

GOLF CLUB

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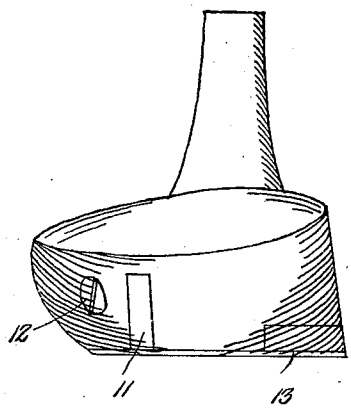


Fig. 7.

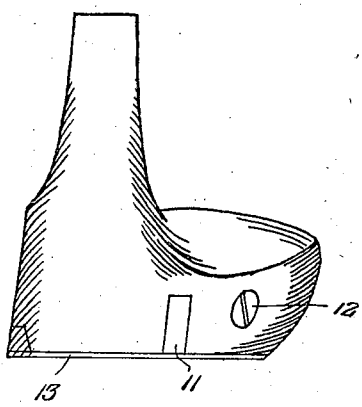


Fig. 8.

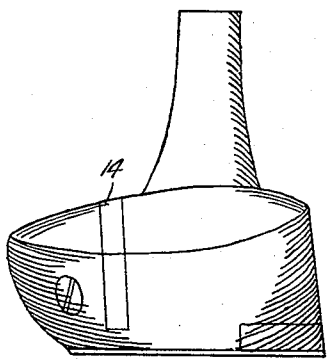


Fig. 9.

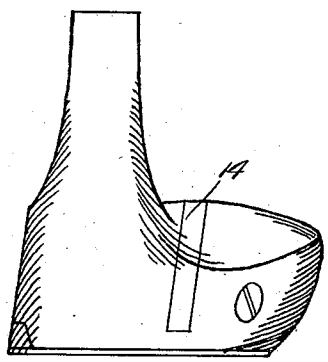


Fig. 10.

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Patented Nov. 6, 1923. 1,473,528

UNITED STATES PATENT OFFICE.

MILTON TOOTLE, 3D, OF ST. JOSEPH, MISSOURI.

GOLF CLUB.

Application filed November 9, 1920. Serial No. 422,808.

To all whom it may concern:

Be it known that I, MILTON TOOTLE, 3d, a citizen of the United States, residing at St. Joseph, in the county of Buchanan and State of Missouri, have invented certain new and useful Improvements in Golf Clubs, of which the following is a specification.

This invention relates to golf clubs and more particularly to a new and improved type of wooden golf club which will be evenly balanced and reenforced to insure accurate and effective driving power to the head of the club when it strikes the golf ball.

The primary object of the invention is the construction of a golf club wherein the weight of the head of the club is applied near the median line of the handle or shaft rather than at the back of the head, opposite the striking face.

Another object of the invention is the provision of a wooden golf club having a reenforced evenly balanced striking head which will permit greater accuracy of direction in driving a golf ball and overcome the tendency of the ball from curving when the point of contact of the head and ball occurs at the extreme front or back of the driving face.

With these objects in view and others which will be manifest and suggested as the nature and purpose of the invention are revealed in the following specification and drawing, wherein I have shown a practical, yet preferred embodiment thereof,

Figure 1 is a front view of the driving head of a wooden golf club.

Fig. 2 is a rear view of the same.

Figs. 3 and 4 are top and bottom views respectively.

Fig. 5 is a side view of the head showing the rounded iron wall opposite the driving face.

Fig. 6 is a side view of the head showing the driving face.

Figs. 7 and 8 are front and rear views of a modified form of the invention.

Figs. 9 and 10 are front and rear views of further modified forms of the invention.

Similar numerals on the drawing referring to corresponding parts on the drawing, numeral 1 designates the wooden handle of a golf club having the usual wooden driving head 2 which as shown is provided with a grooved top 3, curved rear wall 4 and a flat bottom 5. The head of the club is also provided with a flat inclined driving face 6 opposite the curved rear wall and a brass reenforcing, flat plate 7 is secured to the flat bottom by fastening screws 8, the said plate extending upwardly and conforming to the surface of the driving face thus constituting a flat striking surface for the golf ball.

A flat heavy metal plate or strip 9 preferably of lead is positioned in the head somewhat slightly offset from the median line of the head and handle and is securely held in position parallel with the driving face by a set of fastening screws 10 passing through the rear curved head of the club as clearly shown in the drawing. In the form of the invention shown in Fig. 1 it will be seen that the metal plate or strip is of the full length and thickness of the head of the club thus assuring accuracy in driving the ball should the head of the club strike the golf ball at the extreme front or back of the driving face.

In the form of the invention shown in Figs. 7 and 8, it will be seen that the head is provided with a groove 11 in the bottom of the head of the club wherein the flat, metal plate may be securely fastened by screws 12 and is additionally supported by the brass plate 13 on the bottom of said head. In Figs. 9 and 10 I have shown the groove 14 formed in the top of the head and extending in proximity to the bottom plate. In each instance, however, the flat metal plate is slightly offset from the median line of the golf club head and the handle and thereby not only evenly balances the golf club but reenforces the head and permits the impact be directed substantially at right angles to the said plate regardless of whether the ball is struck forwardly or rearwardly on the driving face.

In the accompanying drawing, I have illustrated my invention embodied in one form by way of example, and which in practice has been found to be highly satisfactory in obtaining the desired results. It will be obvious however that other embodiments may be adopted, and that various changes in the details of construction may be resorted to by those skilled in the art without departing from the spirit and scope of the invention. It is furthermore understood that the invention is not necessarily limited or restricted to the precise element shown except in so far as such limitations are specified in the subject matter being claimed.

What I claim is:—

1. In a golf club, a handle, a wooden head on the lower end thereof provided with a driving face, an upwardly extending metallic plate arranged in the head to one side of the median line thereof and further to one side of the lower end of the handle and slightly inclined outwardly with respect to said handle.

2. In a golf club, a handle, a wooden head on the lower end thereof provided with a driving face, an upwardly extending metallic plate arranged in the head to one side of the median line thereof and further to one side of the lower end of the handle and slightly inclined outwardly with respect to said handle, said plate extending in the direction of the length of the head.

3. In a golf club, a handle, a wooden head on the lower end thereof provided with a driving face, an upwardly extending metallic plate arranged in the head to one side of the median line thereof and further to one side of the lower end of the handle and slightly inclined outwardly with respect to said handle, and securing elements extended substantially transversely with respect to the head for maintaining said plate in position.

4. In a golf club, a handle, a wooden head on the lower end thereof provided with a driving face, an upwardly extending metallic plate arranged in the head to one side of the median line thereof and further to one side of the lower end of the handle and slightly inclined outwardly with respect to said handle, said plate extending in the direction of the length of the head, and securing elements extending substantially transversely with respect to the head for maintaining said plate in position.

5. A golf club comprising a handle, a wooden head on the lower end thereof and formed with a driving face, and a vertically disposed metallic plate arranged in the head and spaced from said driving face, and securing elements extending substantially transversely with respect to the head for maintaining said plate in position.

6. A golf club comprising a handle, a wooden head on the lower end thereof and formed with a driving face, and a vertically disposed metallic plate arranged in the head and spaced from said driving face, and securing elements extending substantially transversely with respect to the head for maintaining said plate in position, said plate being outwardly inclined with respect to the handle and extending in the direction of the length of the head and positioned at one side of the longitudinal center of the head.

7. A golf club comprising a handle, a wooden head on the lower end thereof and formed with a driving face, a vertically disposed metallic plate arranged in the head and spaced from said driving face, securing elements extending substantially transversely with respect to the head for maintaining said plate in position, and a base plate secured against the lower face of said head and having a flat striking surface flush with said driving face.

8. A golf club comprising a handle, a wooden head on the lower end thereof, a plate arranged in and extending in the direction of the length of the head and angularly disposed with respect to the median line of the head, said head provided at one side with a driving face and securing elements extending substantially transversely with respect to the head for maintaining said plate in position and arranged on that side of the head opposite the side provided with the driving face.

In testimony whereof, I affix my signature hereto.

MILTON TOOTLE, 3D.