June 12, 1928. 1,673,361

A. HEETER

GOLF CLUB

Filed June 17, 1927

FIG. 1

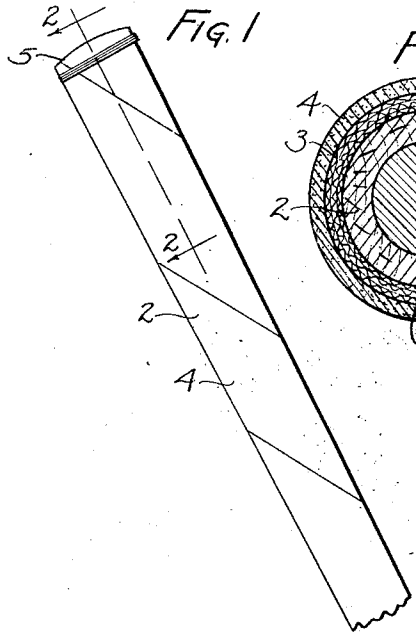


FIG. 3

FIG. 2

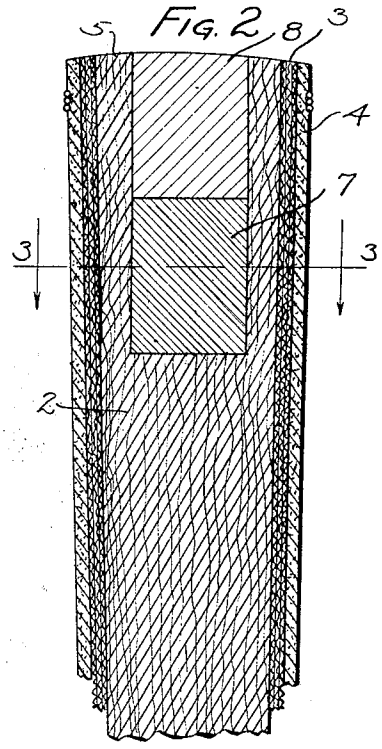
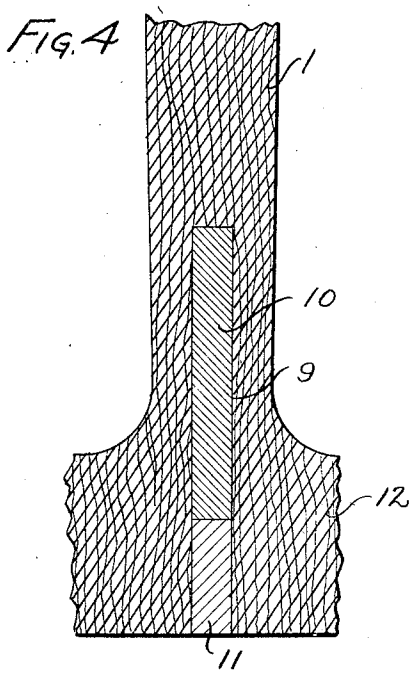
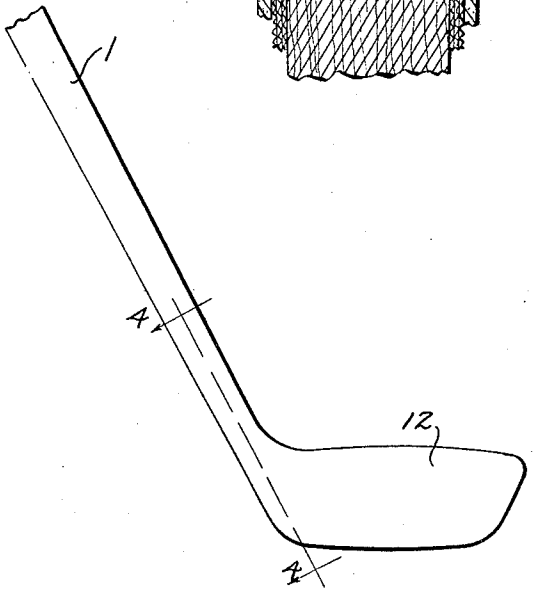


FIG. 4





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UNITED STATES PATENT OFFICE.

ALLEN HEETER, OF PORTSMOUTH, OHIO, ASSIGNOR TO THE VULCAN LAST COMPANY, OF PORTSMOUTH, OHIO, A CORPORATION OF OHIO.

GOLF CLUB.

Application filed June 17, 1927. Serial No. 199,476.

My invention relates to golf clubs.

It is the object of my invention to provide a golf club in which the weight at the base of the shaft and at the top of the shaft may be adjusted to suit the individual preference of the owner of the club, without disclosing the presence of the weight so as to present a neat and perfect appearance.

Referring to the drawings:

Figure 1 is a side elevation of a club embodying my invention.

Figure 2 is a section on the line 2—2 of Figure 1.

Figure 3 is a section on the line 3—3 of Figure 2.

Figure 4 is a section on the line 4—4 of Figure 1.

Referring to the drawings in detail, 1 is the shaft of the club having a handle portion 2 encased in the usual resilient wrapping 3 and leather cover 4. The upper end of the club designated 5 is provided with an aperture, preferably cylindrical, designated 6. The lower end of this aperture is filled with a lead weight 7, the exact size of which and extent of which may be varied according to the desires of the user. In order to retain this weight in place and to conceal it, I employ a fibre plug 8 which is of resilient character. This plug fills the upper end of the opening 6 retaining the lead in place, closing the opening and forming a neat end for the club.

At the base of the shaft at the point where the shaft joins the head of the club or in the club head itself, preferably on the axis of the shaft, I provide an aperture 9 having its open end on the bottom of the club, such aperture 9 being filled at its base by the lead insert 10 which is retained in position by the fibre insert 11. This fibre insert expands against the wood of the club head 12 forming a tight closure for the aperture 9 and retention of the lead 10.

It will be understood that I desire to comprehend within my invention such modifications as may be necessary to adapt it to varying conditions and uses.

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

1. In a golf club having a shaft and a head, said shaft having an aperture at the lower end thereof, a lead filler filling a portion of said aperture, and a resilient plug for retaining said filler in position and closing said aperture, the said plug being exposed at its outer end on the end of the club.

2. In a golf club, a shaft, a head, said shaft and head having an aperture formed through the bottom of the head into the shaft on axis with the shaft, a lead filler for said aperture, and a fibre plug for closing the end of said aperture to retain the lead filler in position.

In testimony whereof, I affix my signature.

ALLEN HEETER.