No. 740,500. PATENTED OCT. 6, 1903.

R. H. WHITE.

GOLF CLUB.

APPLICATION FILED MAY 21, 1902.

NO MODEL.

Fig. 2.

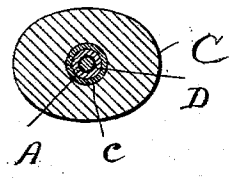


Fig. 1.

Witnesses.
E. B. Gilchrist
H. M. Wisner

Inventor
Rollin H. White
By his attorneys
Thurston & Bates

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

No. 740,500. Patented October 6, 1903.

UNITED STATES PATENT OFFICE.

ROLLIN H. WHITE, OF CLEVELAND, OHIO.

GOLF-CLUB.

SPECIFICATION forming part of Letters Patent No. 740,500, dated October 6, 1903.

Application filed May 21, 1902. Serial No. 108,298. (No model.)

To all whom it may concern:

Be it known that I, ROLLIN H. WHITE, a citizen of the United States, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented a certain new and useful Improvement in Golf-Clubs, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings.

It may be stated as a general proposition that the success of each stroke made by a golfer is largely dependent upon the manner in which he holds his club. It is not only necessary that his hands shall properly take hold of the grip or handle of the club, but it is also necessary that he shall grasp a particular part of the club-grip to the end that the club-face shall be in the correct relationship to the hands. There is only one right way for each average golfer. When the "grip" of a golf-club is circular in cross-section, the golfer is liable to take hold of the club at different times, so that the club-face shall occupy different positions relative to the hands. In order that a golfer may be sure to grip his club properly every time, the club-grips are sometimes made of some form other than circular in cross-section—as, for example, elliptical; but since different golfers take hold of their clubs differently a non-circular (elliptical or other form of) grip which would suit one player would not do at all for another. It has therefore been necessary heretofore in constructing golf-clubs with non-circular grips to fit each one to the individual who is to use it.

The object of the present invention is to provide a golf-club with a non-circular grip which is adjustable into various positions to suit the individual peculiarities of players, the invention consisting in the combination, with the shaft of a golf-club, of a grip-piece adjustable upon said shaft about its longitudinal axis and having externally a shape which is non-circular in cross-section.

A golf-club in which my invention is embodied is shown in the accompanying drawings, wherein—

Figure 1 is an elevation of the golf-club, the upper end of the shaft being shown in longitudinal section. Fig. 2 is a transverse section through said grip portion.

Referring to the parts by letters, A represents the shaft, and B the head, of a golf-club. The upper end of the shaft, as at *a*, is circular in cross-section, but is of gradually-increasing diameter from the upper end toward the head for a distance substantially as great as the length of the grip-piece C. This grip-piece is of any desired external formation, although it is believed that if elliptical in cross-section and of gradually-increasing cross-sectional area from its lower end upward it will make the most satisfactory grip-piece. It has a longitudinally central tapered hole, which fits the tapered end of the shaft, and means are provided for crowding this grip-piece or handle down onto the shaft, whereby relative movement is prevented by their frictional contact, or of permitting the grip-piece to move upward on the shaft and to be then turned upon the same into any desired position. The specific construction of the grip is of no consequence, broadly considered, although it is believed that that shown is novel and patentable. It consists of a tapered metallic sleeve *c*, closed at its small end and fitted and secured into a wood handle, which may be wound with leather in the usual way. A screw D passes down through a hole in the closed end of this tapered sleeve and screws into the outer end of the shaft, thereby affording efficient means for crowding the sleeve down upon the shaft end, and thereby preventing its rotation thereon.

Having described my invention, I claim—

1. In a golf-club, the combination with the shaft having a tapered upper end, with a grip-piece which is non-circular in transverse section and has through it a tapered socket which fits the tapered end of said shaft, and means for drawing the shaft in said tapered socket to clamp the shaft and grip-piece together, for the purpose specified.

2. In a golf-club, the combination of a shaft

having a tapered upper end, with a grip-piece consisting of a tapered metallic sleeve fitted to said tapered shaft end, and a handle-piece secured upon said tapered sleeve, and a screw passing through the small end of said metallic sleeve and screwing into the small end of said shaft end, for the purpose specified.

In testimony whereof I hereunto affix my signature in the presence of two witnesses.

ROLLIN H. WHITE.

Witnesses:
E. B. GILCHRIST,
E. L. THURSTON.