Dec. 8, 1925. 1,565,069

E. T. EDWARDS

GOLF CLUB

Filed March 6, 1924

Fig. 1.

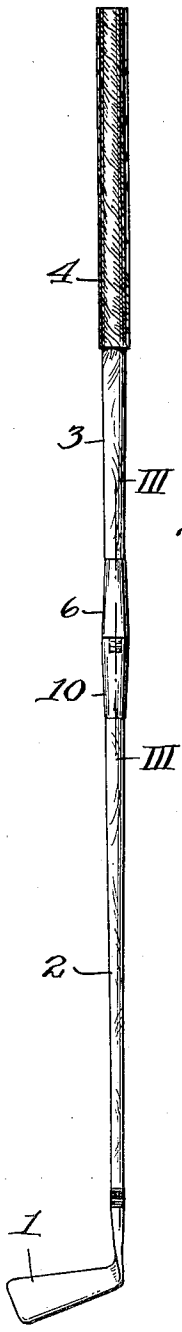


Fig. 2.

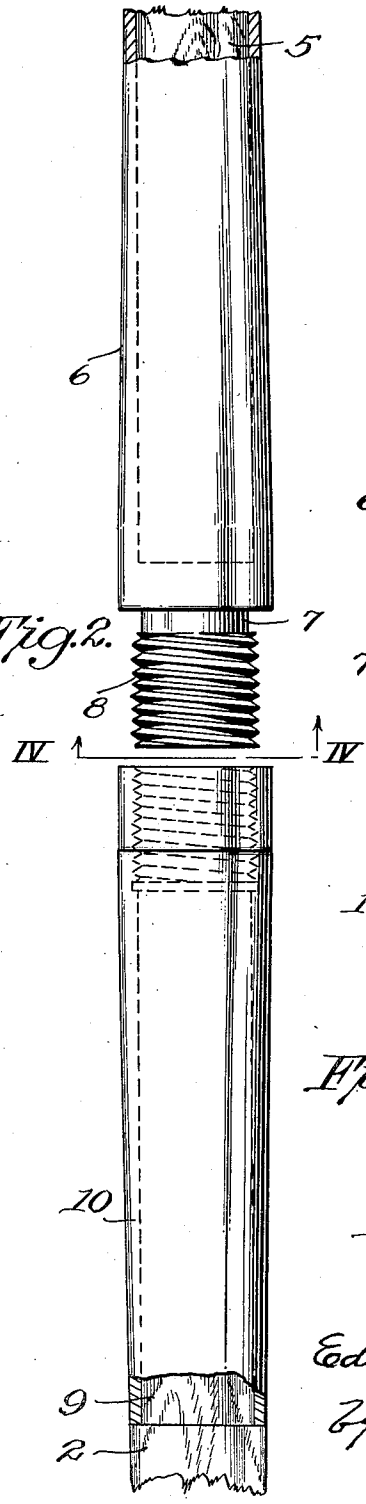


Fig. 3.

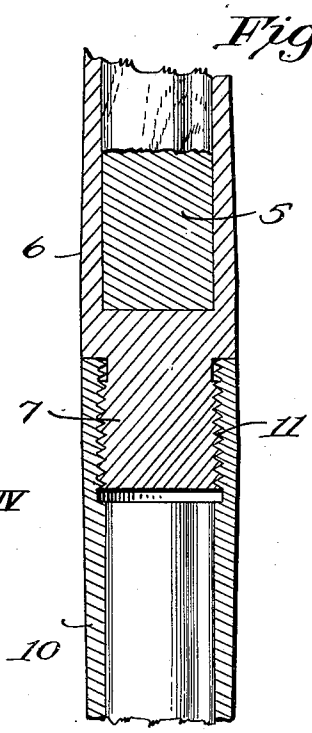
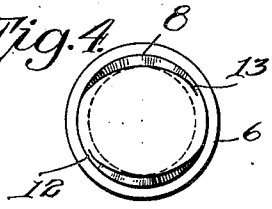


Fig. 4.



Inventor

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UNITED STATES PATENT OFFICE.

EDWARD T. EDWARDS, OF LATROBE, PENNSYLVANIA.

GOLF CLUB.

Application filed March 6, 1924. Serial No. 697,289.

To all whom it may concern:

Be it known that I, EDWARD T. EDWARDS, a citizen of the United States, residing at Latrobe, county of Westmoreland, State of Pennsylvania, have invented certain new and useful Improvements in Golf Clubs, of which the following is a specification.

My invention relates to golf clubs, and has for its object to provide certain improvements in the construction disclosed in an application filed by me October 5, 1923, Serial No. 666,821.

In said application, I have disclosed a golf club, the shaft of which is formed in sections of substantially equal length, the same being detachably connected together by a left handed screw-thread. In a device of this character, it has been found that in order to provide a rigid joint, the thread must be quite fine, and considerable manipulation is required in order to screw the parts together. It is the object of the present invention to simplify this feature, whereby the fine screw-thread may be retained, but the speed at which the parts may be united can be practically reduced by half.

This object I accomplish in the manner and by the means hereinafter described and claimed, reference being had to the accompanying drawing, in which:—

Figure 1 is a side elevation of a golf club illustrating my construction.

Figure 2 is an enlarged perspective view of the joint of the club, showing said joint between the sections of the shaft disconnected.

Figure 3 is an enlarged section taken on the line III—III of Figure 1.

Figure 4 is an end view of the male member of the screw-threaded section indicated by the line IV—IV of Figure 2.

Similar numerals of reference designate corresponding parts in the several views.

In the said drawing, the reference numeral 1 denotes the head of a conventional golf club, such as a putter, and 2 the lower end of a sectional shaft, the upper end 3 of which has fixed thereto the usual gripping handle 4. The lower end of the upper section 3 is reduced annularly at 5 to receive a metallic sleeve 6, the lower solid end of which is reduced at 7 and provided with a double screw-thread 8 hereinafter described. The lower section 2 of the shaft is similarly reduced at 9 at its upper end to receive a sleeve 10 interiorly threaded at 11 to correspond with the thread 8 on the sleeve 6. As in the construction disclosed in my application hereinbefore referred to, these screw-threads are so disposed that the sections screw together counterclockwise, so that the blows imparted to the club in striking the ball tend to tighten the thread connection between said sections, thus maintaining the shaft sections rigidly connected.

In order that the parts may be assembled more rapidly than with the ordinary single thread, I form the threads 8 and 11 double, i. e., I provide two separate threads beginning at opposite points 12 and 13, as shown in Figure 4, the spirals of which alternate, the same being so disposed that they will engage simultaneously as the club is being assembled, the result being that the parts will be brought to locking position with one-half the number of turns that would be required with a single thread. By this construction, I am able to preserve the advantages of strength obtained by a comparatively fine thread, and at the same time to assemble the parts with one half the number of relative rotations that would be required with the ordinary single thread.

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

1. A golf club, embodying a shaft formed in sections of substantially equal length, united by a threaded connection formed of a double thread the spirals of which alternate.

2. A golf club, embodying a shaft formed in sections of substantially equal length, united by a threaded connection formed of a double thread the spirals of which alternate, the thread pitch of said threads being such that the torsional strain imposed on the club in use will be in the direction of screwing together said sections.

In testimony whereof I hereunto affix my signature.

EDWARD T. EDWARDS.