

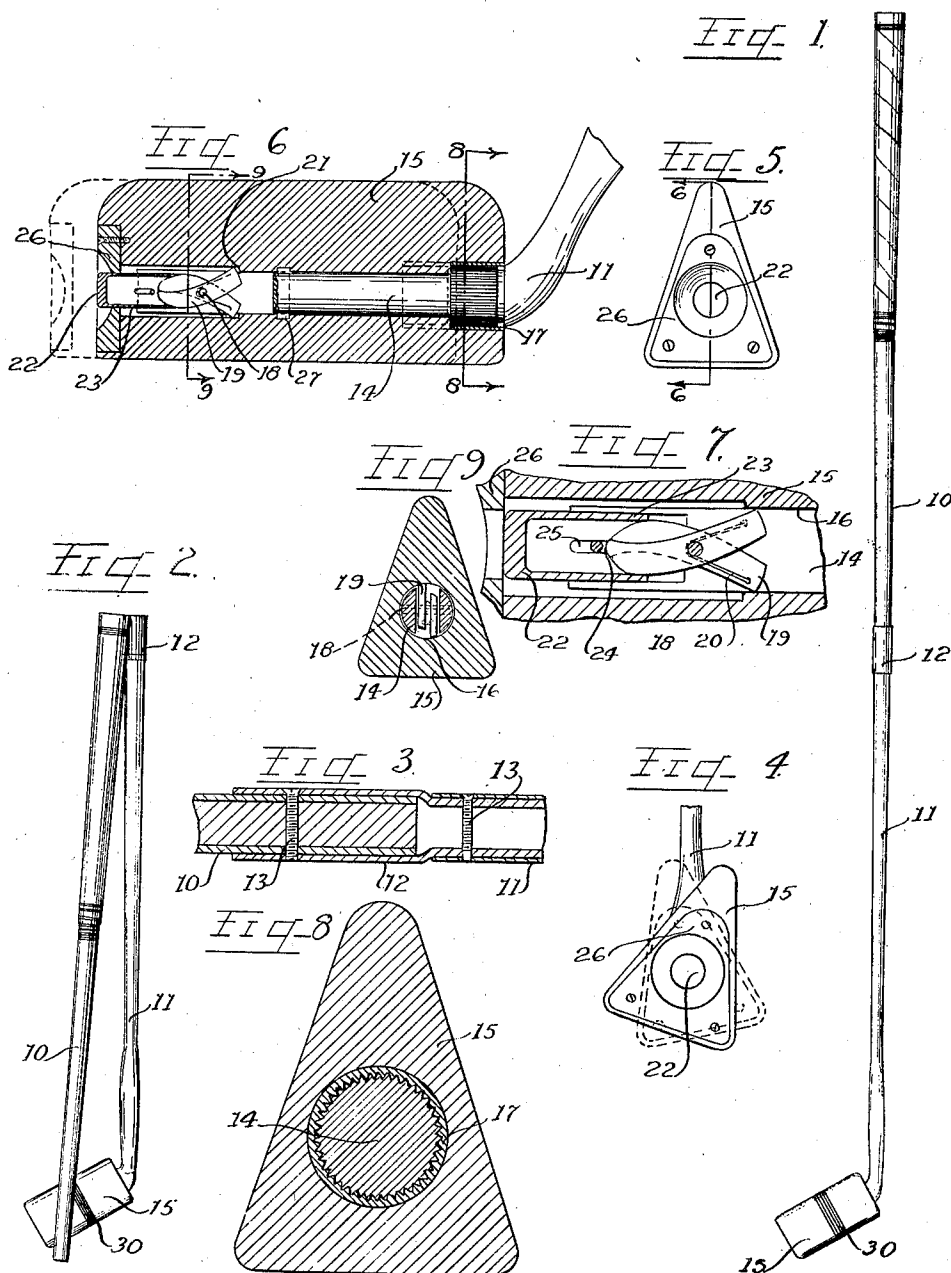
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GOLF CLUB

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by

UNITED STATES PATENT OFFICE.

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GOLF CLUB.

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This invention relates to golf clubs, more particularly those of the type in which the angular position of the head is adjustable relatively to the shaft.

One of the principal objects of the invention is to provide an improved form of adjustable head golf club.

Another object of the invention is to provide a golf club having a shaft constructed in sections so that it may be carried in a suit-case or the like.

Other and further objects of this invention will be apparent from the disclosures in the accompanying drawings and specification.

The invention (in a preferred form) is illustrated in the drawings and hereinafter more fully described.

On the drawings:

Figure 1 is a side elevation of a golf club constructed in accordance with the present invention.

Figure 2 is a view of the club after disconnecting the two shaft sections.

Figure 3 is a longitudinal section through the interlocking portions of the two shaft sections.

Figure 4 is an end view of the head and adjacent portion of the shaft showing two positions of adjustment.

Figure 5 is an end view of the head.

Figure 6 is a section on the line 6 of Figure 5.

Figure 7 is an enlarged view of a portion of Figure 6.

Figure 8 is a section on the line 8—8 of Figure 6.

Figure 9 is a section on the line 9—9 of Figure 6.

As shown in the drawings:

The shaft of the club is formed of two sections 10 and 11, the first of which is wrapped in the usual manner with leather or the like to facilitate gripping by the hands. These two sections are releasably connected by a coupling member 12 adapted to fit over the lower end of the upper section 10 and slide within the upper end of the lower section 11. It is releasably secured in position by screws 13.

The lower end of section 12 is provided with a pivot portion 14 at a suitable angle to the shaft upon which is mounted the head 15. This head may conveniently be formed of aluminum or an aluminum alloy to give the necessary size without excessive weight.

A cylindrical passage 16 is arranged longitudinally within the head for the reception of the pivot portion 14. At the shaft end of the head, this passage is enlarged and provided with a hardened steel bushing 17 serrated on its inner periphery for slidable engagement with corresponding serrations on the pivot portion 14.

The free end of the pivot portion 14 is slotted, as shown more particularly in Figure 9. Within this slot are pivotally mounted on a pin 18 two catch members 19 adapted to be pressed outwards by a spring 20. These members 19 normally engage a shoulder 21 in the passage 16 and thus prevent axial movement of the head relatively to the pivot portion.

For pressing together the catch members 19, and thereby allowing the withdrawal of the head either partially or completely, a push-button 22 is provided having a rearwardly extending tubular part 23 which surrounds the outer ends of the catches 19. This button is held in place by a pin 24 passing through a slot 25 therein.

As the button 22 is of smaller diameter than the passage 16, a cover plate 26 is provided having a central aperture making a sliding fit with the button. This cover-plate is recessed centrally so that the button may be arranged so that at no time does it project beyond the end of the head.

Since it is only necessary to withdraw the head for enough to disengage the serrated portions, a groove 27 is formed in the passage 16 for releasably engaging the ends of the catches 19 when the head is in partially withdrawn position.

As an aid in addressing the ball properly, the head may be scored or marked, as at 30, adjacent its mid-point.

I am aware that numerous details of construction may be varied through a wide range without departing from the principles of this invention, and I therefore do not propose limiting the patent granted hereon otherwise than necessitated by the prior art.

I claim as my invention:

1. An adjustable golf club comprising a shaft, a pivot member rigidly secured thereto, a head having a longitudinal cylindrical passage adapted to receive said member, longitudinal serrations on said member for a portion of its length adapted to slidably engage corresponding serrations on the interior of said passage, a shoulder on the wall

of said passage, a spring pressed member pivotally secured to said pivot member adapted to engage said shoulder and thereby prevent axial movement of the head relatively to said pivot member and means carried by said pivot member for moving said spring pressed member out of engagement with said shoulder. 15

2. An adjustable golf club comprising a shaft, a pivot member rigidly secured thereto, a head having a longitudinal cylindrical passage adapted to receive said member, longitudinal serrations on said member for a portion of its length adapted to slidably engage corresponding serrations on the interior of said passage, a shoulder on the wall of said passage, a spring pressed member adapted to engage said shoulder and thereby prevent axial movement of the head relatively to said pivot member and means for moving said spring pressed member out of engagement with said shoulder. 20

In testimony whereof I have hereunto subscribed my name.

FLOYD R. PERKINS.