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W. S. GREENSHIELDS

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GOLF CLUB WEIGHTING ATTACHMENT WHICH STRADDLES THE CLUB HEAD

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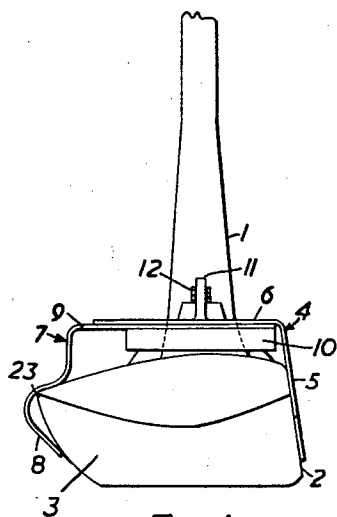


FIG. 1.

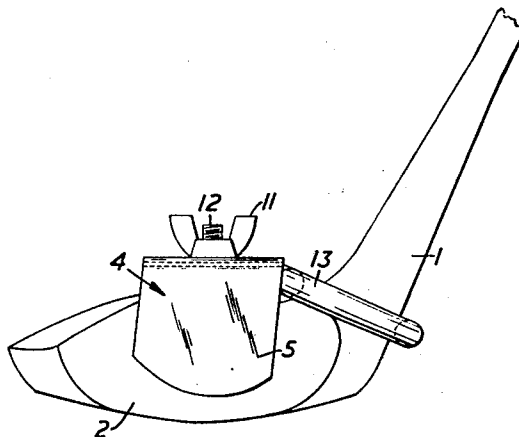


FIG. 2.

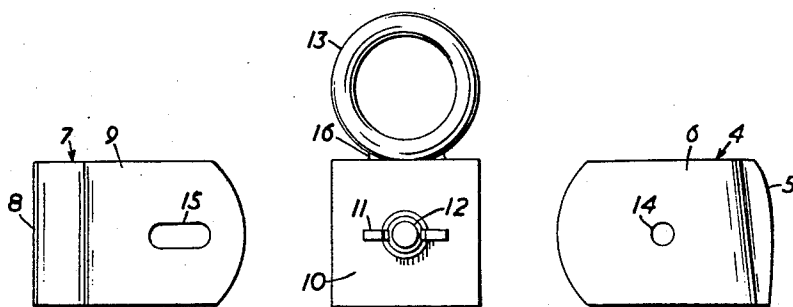


FIG. 3.

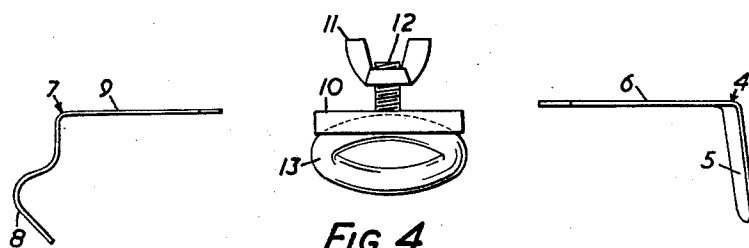


FIG. 4.

INVENTOR

WILLIAM SINCLAIR GREENSHIELDS

BY

Irvin D. Thompson

ATTORNEY

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GOLF CLUB WEIGHTING ATTACHMENT WHICH STRADDLES THE CLUB HEAD

William Sinclair Greenshields, Bristol Road,

Quedgeley, Gloucester, England

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5 Claims. (Cl. 273-171)

This invention relates to sports equipment and is particularly concerned with weight-loading means for golf clubs.

It is frequently desired to weight load the head of a golf club, particularly for exercising and practice purposes or to increase the weight of an existing club, and the invention provides weight-loading means for this purpose which can readily be constructed so that the degree of weight loading can be adjusted.

According to the invention there is provided a weight-loading device for a golf club or the like, comprising means constructed to straddle the head of the club and grip the head of the club on opposite sides thereof.

Preferably the device has two oppositely disposed and spaced apart limbs, one of which provides the driving face and is planar whereas the other is shaped to clip over the upper peaked edge of the head remote from the normal driving face thereof i.e. the trailing edge of the head, so as to locate the means firmly in position. As a safety measure a ring may be arranged to encircle the club shaft, fitting being accomplished by sliding this ring along the shaft towards the head. The spacing of the limbs is preferably adjustable to fit a range of club sizes.

Weight-loading means representing one embodiment of the invention will now be described with reference to the accompanying drawing in which like reference numerals indicate like parts and in which:

FIGURE 1 is a side-elevation of a golf club with the device in position thereon,

FIGURE 2 is a front-elevation of the club and device shown in FIGURE 1,

FIGURE 3 is an exploded plan view of the device shown in FIGURE 1, and

FIGURE 4 is an exploded perspective view of the device shown in FIGURE 1.

Referring to FIGURES 1 to 4, it may be seen that the device comprises two cranked members 4 and 7 respectively of plate material and each formed with two limbs 5 and 6 and 8 and 9 respectively, the members being clamped together by a threaded stud 12 and a wing nut 11 in a manner described hereinafter so that planar limbs 6 and 9 respectively are retained in juxtaposition and in effect form a bridge interconnecting the other two limbs of the members.

In use the means straddle the head 3 with the clamped limbs lying in a plane substantially parallel to the underface of the head, one of the spaced apart limbs 5 being planar and in face-to-face engagement with the normal driving face 2 of the club and the other limb 8 formed with a sinuous profile which engages or clips around the upper edge 23 of the head remote from the driving face thereof to retain the device in position thereon in a hook-like manner.

A weight 10 of the desired value and of square plate-like form has a centrally projecting threaded stud 12

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secured thereto, which stud passes through a hole 14 in the upper limb of one member 4 and a slot 15 in the corresponding limb of the other member 7 and has threaded thereon the aforesaid wing nut 11. Thus, tightening the wing nut clamps the juxtaposed limbs 6 and 9 between the weight and wing nut, and the slot allows the spacing of the limbs 5 and 8 to be adjusted, before the wing nut is tightened, to fit a particular club. A safety ring 13 attached to or formed integrally with the weight at 16 is arranged to encircle the shaft 1 when the device is in position, so that if the device should be accidentally dislodged from the head it will not fly off the club during driving. In use, the outer surface of the limb 5 forms the effective driving face.

Although in FIGURES 1 to 4 the limb 6 is seen surmounting the limb 9 and the two limbs 6 and 9 surmounting the plate 10, the device could be assembled with the limbs 6 and 9 and the plate in a different order. Thus, limb 6 may be provided with the threaded bolt and limb 9 mounted above it and then the plate slid over the bolt to surmount the two limbs.

The embodiment described has the advantages that it can be made adjustable to suit any normal size of club and that the weight loading can be varied by changing the weight. As a modification the weight may be formed by a stack of separate plates the number of which can be changed to provide the desired weight loading.

I claim:

1. A weight-loading device for a golf-club, comprising saddle means constructed to straddle the head of the club and grip the head of the club on opposite sides thereof, said saddle means comprising two separate members and connecting means for securing them together adjustably to form an adjustable bridge surmounting the head of the club, one of which members provides a limb of sinuous profile to engage the rear trailing edge of the head of the club and the other of which members provides a planar limb to act against the driving face of the club, and a ring to encircle the shaft of the club when the device is in position on the head thereof.

2. A weight-loading device according to claim 1, wherein said connecting means for securing said two separate members together comprises a nut and bolt, which bolt passes through holes in said two members so that when the device is in place on said head said bolt passes upwardly through said members.

3. A weight-loading device according to claim 2, wherein at least one of said holes is in the form of a slot.

4. A weight-loading device according to claim 2, wherein said nut is a wing nut.

5. A weight-loading device according to claim 2, including a weight in the form of a plate associated with said bolt.

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