H. M. RHIND.

GOLF TRAINING DEVICE.

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1,209,031.

Patented Dec. 19, 1916.

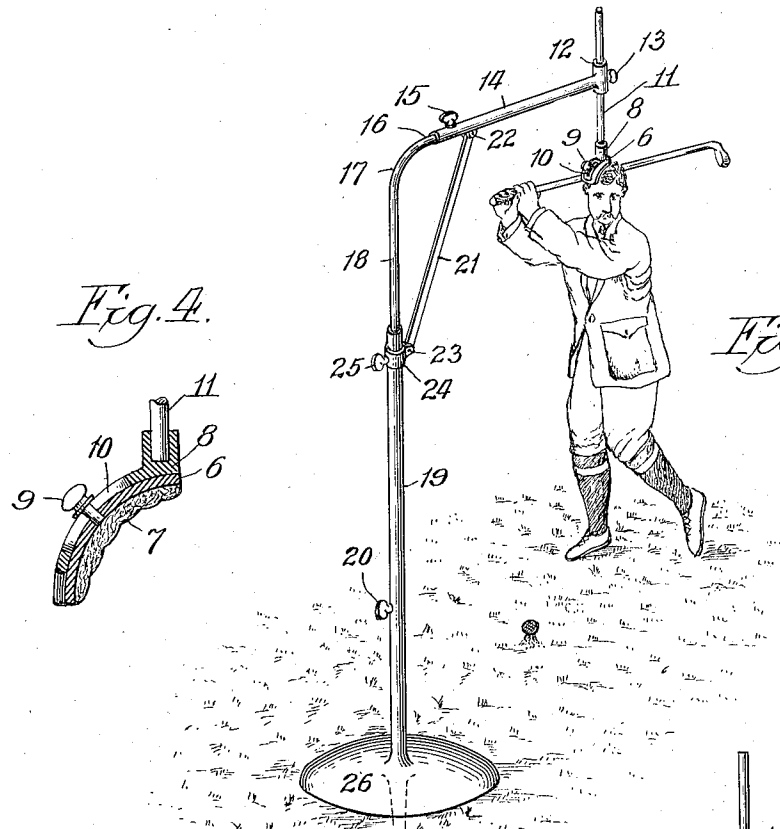


Fig. 1.

Fig. 4.

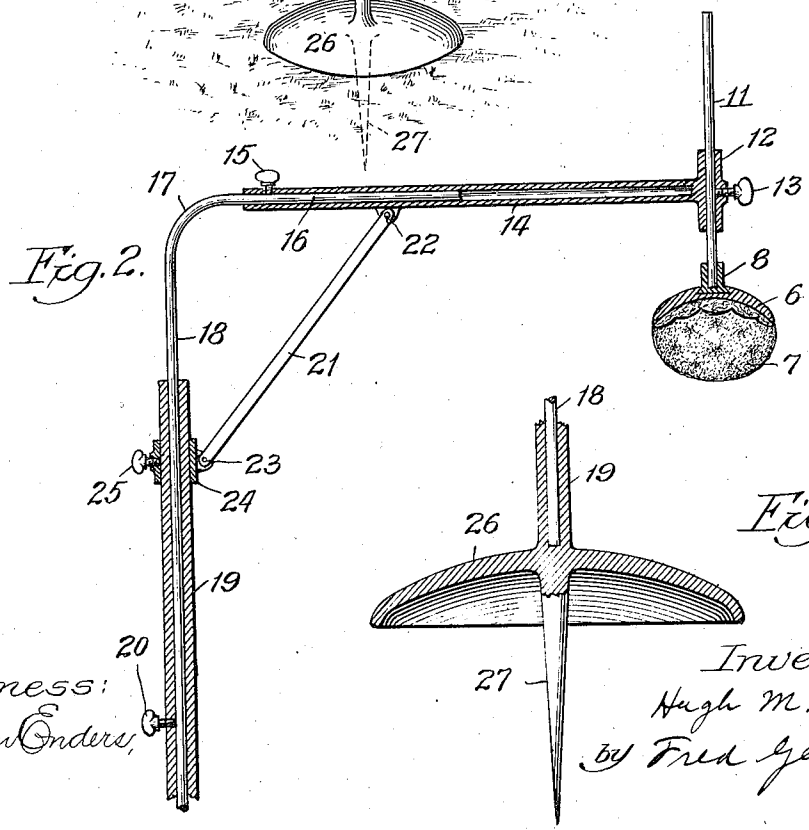


Fig. 2.

Fig. 3.

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UNITED STATES PATENT OFFICE.

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GOLF-TRAINING DEVICE.

1,209,031. Specification of Letters Patent. Patented Dec. 19, 1916.

Application filed April 17, 1916. Serial No. 91,514.

To all whom it may concern:

Be it known that I, HUGH M. RHIND, a subject of the King of England, and a resident of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Golf-Training Devices, of which the following is a full, clear, and exact description.

The invention relates to devices for training golf players.

In playing golf, a desideratum has been in driving the ball, to maintain the shoulders at a fixed distance from the ground until after the ball has been driven from the tee, because it has been generally recognized that variation in such distance usually causes the player to top the ball or to strike the ground.

The object of the present invention is to provide a device for practising driving strokes and by which the player will be trained to maintain his shoulders in a fixed elevation above the ground during the drive.

The invention consists in the device hereinafter set forth and more particularly defined by claims at the conclusion hereof.

In the drawings: Figure 1 is a perspective of a device embodying the invention. Fig. 2 is a section showing the adjustable connections between the several parts of the device. Fig. 3 is a detail section showing the spike of the base of the support for securing the latter in the ground and Fig. 4 is a detail section through the head-piece showing the adjustable connection therefor.

The invention comprises a head-piece 6 provided with a pad 7 adapted to engage the head of the player and more particularly to fit over one side of the crown. The purpose of this head-piece is to provide a firm rest for the head of the player or a guard which serves to prevent change of distance between the head and the ground, in making a drive and until after the ball has been hit. With the use of this head-piece, the player will, by his own effort, keep his head seated or positioned therein and thus maintain a fixed distance between his shoulders and the ground. This head-piece is adapted to engage the side portion of the crown of the head, and this is important, because it leaves the player free to move his head and body after the ball has been hit. This is necessary, because if the head were immovably held after the ball had been hit, there would be likelihood of injury to the head as the result of the movement following the swing in driving the ball. Head-piece 6 is mounted so it may be adjusted to fit comfortably against the heads of different players of different heights and is reversible so that it may be adjusted for either a right or left hand player. This head-piece 6 is sustained by a bracket 8 to which it is secured by a set screw 9. Bracket 8 is concave and the head-piece is convex conformably thereto to permit the head-piece to be adjusted more or less around the side of the head of the player and so that the head-piece will be properly adjusted to comfortably receive heads of different shapes or so that the head-piece may be adjusted to engage the desired portion of the head. To permit this adjustment, set screw 9 extends through a slot 10 in the bracket 8. By loosening the set-screw, the head-piece may be shifted into the position desired for each player and then the set screw will be tightened to secure the head-piece in assigned position. Bracket 8 is secured to the lower end of a rod 11. This rod extends upwardly through a socket 12 in which it is held by a set-screw 13. The rod 11 and the bracket and head-piece thereon are rotatable in the socket 12 when the screw 13 has been loosened to permit the head-piece to be reversed from right to left or vice versa, or to be partially rotated if necessary to bring the head-piece in the position desired for the comfort of the player. Socket 12 is secured to a laterally adjustable hollow arm 14. This arm is secured by a set-screw 15 on the horizontal member 16 of an elbow 17, which has a vertical member 18 held in a tubular standard 19. This elbow 17 is vertically adjustable in the standard 19, being secured in assigned position therein by a set-screw 20. A brace 21 is pivoted to the arm 14, as at 22, and as at 23, to a collar 24, which is slidable on the standard 19. A set-screw 25 secures the collar 24 in assigned position on the standard. In practice, it is desirable that the arm 14 should be firmly held so as to firmly support the head-piece 6 and for that purpose the brace 21 is provided.

The purpose of providing for the lateral adjustment of the head-piece and arm 14 is to make it possible to apply the head-piece

to a player at different distances from the supporting standard. When the screws 15 and 25 have been loosened, the sleeve 14 will be free to slide on the horizontal member 16 of elbow 17 and collar 24 will be free to slide on standard 19 to permit lateral adjustment of the head-piece and the rod 11 toward or from the standard 19. When brought to the desired position, screws 15 and 25 will be tightened to hold the parts in assigned position. The head-piece may be adjusted vertically by adjusting the elbow support 17 in the standard, the screws 20 and 25 being first loosened. In some instances, it is preferable to adjust rod 11 vertically and this can be done by first loosening set-screw 15 and raising or lowering the head-piece to the desired position.

Standard 19 is fixed on a base 26 adapted to rest on the ground and a spike 27 on the base is provided to penetrate the ground so that the entire support will be securely held.

The invention exemplifies an improved golf-training device by which a player may be trained to retain his shoulders in a fixed position above the ground during the stroke, which provides for supporting a head-piece without interfering with a drive, and which is readily adjustable for players of different heights or for right or left hand players.

The invention is not to be understood as restricted to the details set forth, since these may be modified within the scope of the appended claims, without departing from the spirit and scope of the invention.

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

1. In a golf-training device, the combination of a head-piece adapted to engage a portion of the head of the player and an overhead support for said head-piece disposed to permit the player to make a drive while his head is in engagement with the head-piece.

2. In a golf-training device, the combination of a head-piece adapted to engage a portion of the head of the player and a vertical overhead support for said head-piece disposed to permit the player to make a drive while his head is in engagement with the head-piece.

3. In a golf-training device, the combination of a head-piece adapted to engage a portion of the head of the player, an overhead support for said head-piece disposed to permit the player to make a drive while his head is in engagement with the head-piece, and an adjustable connection which permits the head-piece to be shifted to engage either the right or left side of the player's head.

4. In a golf-training device, the combination of a head-piece adapted to engage a portion of the head of the player, an overhead support for said head-piece disposed to permit the player to make a drive while his head is in engagement with the head-piece, and an adjustable connection which permits the head-piece to be adjusted around the crown and side of the player's head.

HUGH M. RHIND.