

(No Model.)

D. DALZIEL.
GOLFING APPLIANCE.

No. 567,455.

Patented Sept. 8, 1896.

FIG. 1.

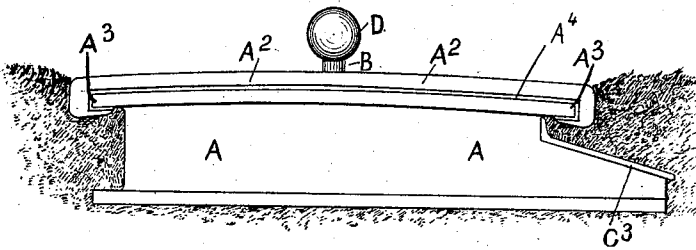


FIG. 2.

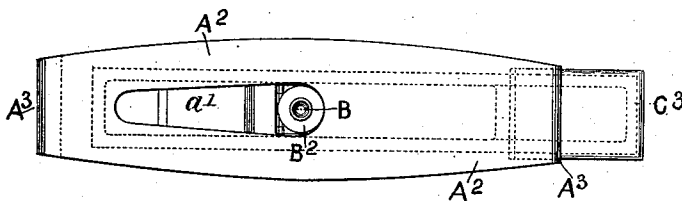


FIG. 3.

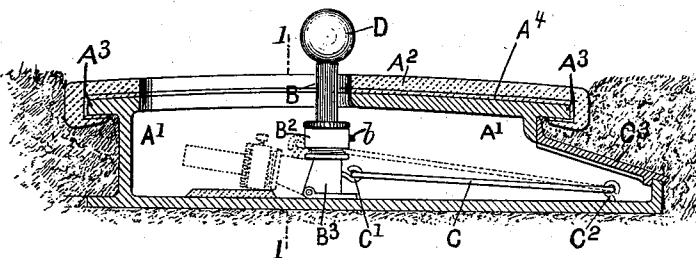


FIG. 4.

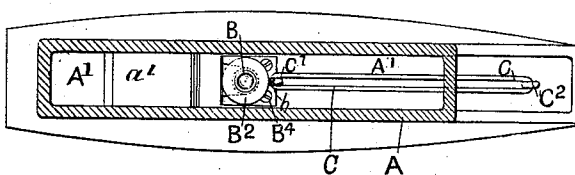


FIG. 5.

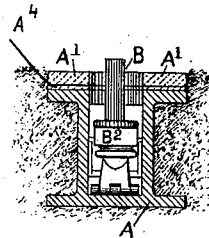
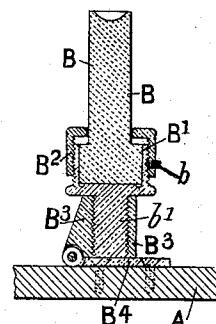


FIG. 6.



Witnesses:

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UNITED STATES PATENT OFFICE.

DAVID DALZIEL, OF GLASGOW, SCOTLAND.

GOLFING APPLIANCE.

SPECIFICATION forming part of Letters Patent No. 567,455, dated September 8, 1896.

Application filed September 10, 1895. Serial No. 562,082. (No model.) Patented in England February 21, 1896, No. 3,735.

To all whom it may concern:

Be it known that I, DAVID DALZIEL, a subject of the Queen of Great Britain and Ireland, and a resident of Glasgow, Scotland, have invented certain Improvements in Golfing Appliances, (for which British Patent No. 3,735, dated February 21, 1895, has been granted,) of which the following is a specification.

This invention has for its object to provide at the holing-stations of golf-greens a surface for driving golf-balls from, and whereby the necessity of building sand-hills and of using portable T's will be obviated, clubs will not get broken, nor the turf be cut up.

The improvements essentially consist in using a block of flexible material carried in a frame sunk in the ground, so that the central top surface of said block comes level with the turf of green. A flexible and height adjustable T for the ball to rest on works in a slot in said block and is carried on a movable joint, so that when the ball is struck by the golf-club said T folds down within the frame and is automatically returned to its normal ball-driving-off position by the recoil action of a spring, while should the club miss the ball and strike the flexible block it will not get broken nor the turf get destroyed.

In order that others skilled in the art to which my invention relates may understand how same may be carried into practice, I have hereunto appended an explanatory sheet of drawings, in which—

Figure 1 represents an elevation of my appliance as located in golfing position. Fig. 2 is a corresponding plan view. Figs. 3 and 4 are longitudinal and horizontal sections, respectively; and Fig. 5 is a cross-section taken on the line 1 1 on Fig. 3, and Fig. 6 a detached section of the adjustable T and hinged joint.

Referring to the drawings, the frame A is made of cast-iron with a central hollow open part A', while its top surface is covered with vulcanized india-rubber A², bent around and secured under the ends of frame A³. A layer of, hard vulcanite A⁴ is placed between the frame A and the soft rubber A². The frame A is sunk into a hole formed in the ground, and the rubber part A² is inclined both ways from the center of block, which is on a

level with that of the turf. The rubber T B is formed with a broad collar part at its lower end, which fits into a metal holder B', and held in place by a screwed-on cap B³, which can be further secured by a pinching-screw b. A screw-spindle b' is formed on lower end of metal holder B', and adjustably screws into a socket-holder B³ on movable part of hinge, the fixed plate B⁴ of hinge being screwed to inner surface of base of frame A.

By turning the T B in the one direction or the other the screw-spindle b' will raise or lower same in socket-holder B³, so that the top of T can be adjusted to suit the level desired above rubber surface A². A spring, preferably an endless band of india-rubber C, is held between a hook C', formed on socket-holder B³, and a hook C², secured near open end of frame A, the latter being covered by a portable kneed-plate C³.

When the golf-club strikes the upper flexible part B of T in driving off the ball D, it folds down on its movable joint within the recessed part A' of frame, as shown in dotted lines in Fig. 3, and it is brought back again to the driving-off position by the recoil action of the spring C. The top part of the T B is slightly dishd for the ball to rest on, and a pad of india-rubber a' is fitted at the bottom of hollow part A' to act as a cushion for the metal part of movable T.

The ball D may be formed in one piece with the T B and used as a captive practice driving ball, the opening A' in the frame A being made sufficiently wide to admit of the ball passing freely in and out of it.

What I claim is—

1. A golfing appliance consisting of a frame adapted to be sunk in the ground, and provided on top with an india-rubber surface, in combination with a T-rest to hold the ball above said surface, substantially as set forth.

2. A golfing appliance consisting of a frame adapted to be sunk in the ground and provided on top with an india-rubber surface in combination with a jointed T-rest to fold into the frame when struck, and means for automatically returning the T-rest to the driving-off position, substantially as set forth.

3. In a golfing appliance, the combination of a hollow frame adapted to be sunk in the ground, with a part hinged therein and a flexi-

ble ball-rest carried by the hinged part, substantially as set forth.

4. In golfing appliances, the combination of a frame and a hinged metal part jointed
5 therein, with a flexible ball-rest carried by the jointed part, and means for adjusting the height of the ball-rest, substantially as set forth.

5. In golfing appliances, the combination
10 of a frame and a metal part jointed therein, with a flexible ball-rest carried by the jointed part and a spring for automatically returning the ball-rest to the ball-driving-off position.

6. In a golfing appliance, the combination

of a frame, a hinged metal part mounted 15 within the frame, a flexible ball-rest provided with a captive ball on the top, carried by the hinged part, and a recoil-acting spring for automatically returning the ball-rest to the driving-off position, substantially as set forth. 20

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

DAVID DALZIEL.

Witnesses:

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