

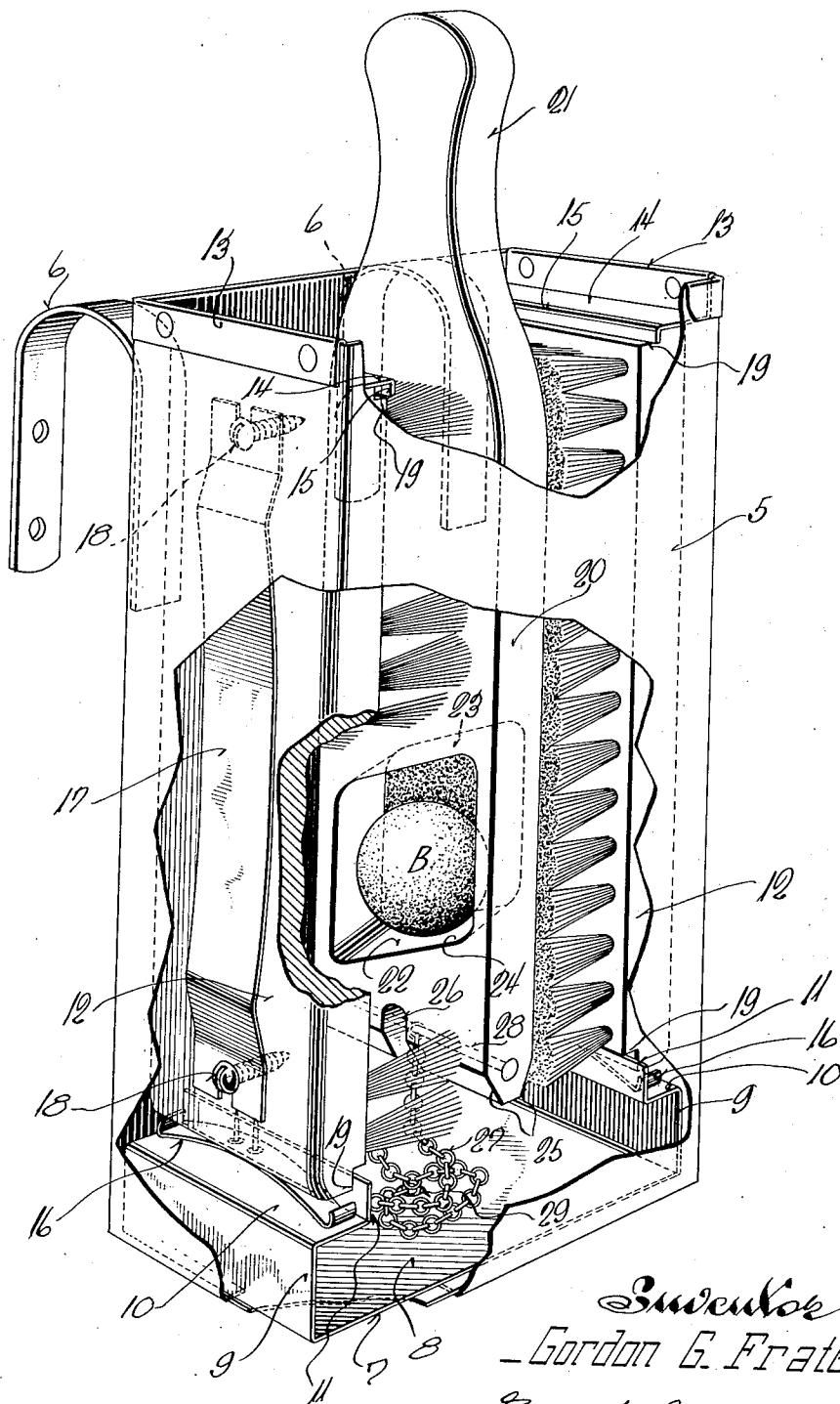
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GOLF BALL WASHER

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GOLF BALL WASHER

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This invention relates to certain new and useful improvements in golf ball washers of the type illustrated in Letters Patent No. 1,747,724 issued Lobegott Mollart, February 18, 1930, and has as an object to improve the general construction of such devices.

Another object of this invention resides in the provision of an improved means for securing the cleaning elements in position.

10 Another object of this invention resides in the provision of means for automatically compensating for the wear on the cleaning elements.

15 And another object of this invention resides in the provision of a novel construction for the ball carrying member to facilitate its insertion between the cleaning members.

With the above and other objects in view which will appear as the description proceeds, 20 my invention resides in the novel construction, combination and arrangement of parts substantially as hereinafter described and more particularly defined by the appended claims, it being understood that such changes 25 in the precise embodiment of the herein disclosed invention may be made as come within the scope of the claims.

In the accompanying drawing, I have illustrated one complete example of the physical 30 embodiment of my invention constructed according to the best mode I have so far devised for the practical application of the principles thereof, and in which:

35 The single view illustrates in perspective, a golf ball washer constructed in accordance with my invention, parts thereof being broken away and in section.

Referring now more particularly to the accompanying drawing, the numeral 5 designates a container or receptacle which is preferably of rectangular shape and provided 40 with a pair of attaching members 6 to permit the device to be attached to a conventional sand box or other suitable support. The receptacle 5 contains a suitable cleaning fluid 45 such as soap water or the like and positioned in the bottom thereof is a brush or cleaning element support 7.

50 The support 7 is formed of a single piece of bendable metal and has a central portion 8

of a size to cover the container or receptacle bottom and upturned ends 9 the extremities of which are directly inwardly to form shelves 10 and upwardly to provide retaining flanges 11.

Brushes or other suitable cleaning elements 12 are mounted within the container or receptacle with their bristles directed toward each other. The lower ends of the brush heads rest on the shelves 10 and their upper ends extend substantially to the top of the container, where retaining members 13 are secured to cooperate with the shelves 10 and their flanges 11 to removably secure the brushes in position. The retaining members 13 have inwardly extending shelf portions 14 provided with downwardly extending flanges 15 similar to those of the supporting member 7.

The distance between the edges of the upwardly and downwardly extended flanges 11 and 15 respectively is less than the length of the brush heads but the distance between the shelves 10 and 14, being greater than the length of the heads, permits their insertion behind the retaining flanges, where they are detachably held by spring members 16 secured to their lower ends. The spring members 16 may be of any suitable design, and in the present instance consist of strips of bowed spring metal secured at their centers to the brush heads and having their ends resting on the shelves 11 to yieldably urge the brushes upwardly into engagement with the upper retaining members. Thus to insert a brush, it is merely necessary to engage its lower end carrying the spring 16 with one of the shelves 10 and depress the brush sufficiently to permit the upper end of its head to be engaged under the adjacent downwardly extending flange 15.

The brushes are also provided with spring members 17 in the shape of bowed blades loosely secured at their ends to the back of the brush heads by screws 18 or the like, which engage the adjacent inner surfaces of the receptacle walls to yieldably urge the brushes inwardly toward each other and thus automatically compensate for wear on their bristles; and to accommodate the movement

of the brushes toward and away from the receptacle walls, the ends of their heads are preferably cut away or rabbited as at 19 to receive the retaining flanges 11 and 15.

5 With both brushes in place, the distance between their bristles is preferably slightly less than the diameter of a golf ball, and a plunger or ball carrying member 20 is adapted to be passed between the brushes to cause
10 a golf ball "B" to be cleaned, to be subjected to a severe scrubbing action by the brushes. The plunger 20 is of a length preferably greater than the depth of the receptacle and has its outer end shaped to provide a handle
15 portion 21 and has a pocket or recess 22 formed adjacent its inner end in which the ball is positioned.

The recess or pocket 22 is in the form of a slot set obliquely to the longitudinal axis of
20 the plunger with its top and bottom 23 and 24 cut at angle to the major plane of the plunger. This formation of the pocket or recess and the fact that the plunger 20 is of less thickness than the diameter of the ball causes
25 the ball to be rotated in all directions as the plunger is reciprocated in the space between the brushes to insure proper cleaning within a minimum time.

The extreme inner or lower end of the
30 plunger has its side edges cut away or beveled, as at 25, to facilitate the initial engagement of the plunger between the brushes. The inner end of the plunger also has a central recess 26 in which one end of a chain 27
35 is secured by a transverse pin 28 fixed in the plunger, the opposite end of the chain being secured to the central portion 8 of the support 7 in any suitable manner, as by having its extreme end extended through an opening
40 29 therein to receive a pin or the like which extends across the opening. The chain 27 obviously is long enough to permit outward movement of the plunger sufficiently far to enable the ball to be placed in the
45 pocket 22.

From the foregoing description taken in connection with the accompanying drawing, it will be readily apparent to those skilled in the art to which an invention of the character
50 appertains, that I provide an efficient and inexpensive device for cleaning golf balls wherein wear on the brushes or cleaning elements is automatically off-set, and in which an improved manner of removably securing
55 the brushes in position is provided.

What I claim as my invention is:

1. A resilient readily removable brush mounting comprising a pair of shelves mounted in spaced relation on a wall, a projection on the edge of each of said shelves remote
70 from said wall, each of said projections being turned inwardly and towards said other shelf and adapted to retain a brush therebetween, the projection on one of said shelves being
75 greater than the projection on the other of said shelves and said brush being longer than the distance from the inner end of the longer projection to the other shelf and shorter than the distance from the inner end of the said
80 other projection to the shelf carrying the longer projection, a spring mounted on said brush constantly urging said brush away from the wall of said receptacle and into engagement with said projections, and a spring
85 mounted on one end of said brush to maintain said brush out of engagement with the shelf having the longer projection.

2. In a brush mounting of the character described, a base member having a rectangular
90 recess therein, inwardly extending lips at the opposite ends of said recess, one of said lips being longer than the other, a brush mounted within said recess, said brush being
95 longer than the distance from the tip of the longer lip to the surface of said recess adjacent said shorter lip and shorter than the distance from the tip of the shorter lip to the surface of the recess adjacent the longer lip, means constantly urging said brush outwardly
100 against said lips and means constantly urging said brush against the side of the recess adjacent the shorter lip.

3. In a brush mounting of the character described, a base member, spaced inwardly extending lips carried by the base member and forming a brush receptacle, one of said lips
105 being longer than the other, a brush mounted within said receptacle, said brush being longer than the distance from the tip of the longer lip to the surface of said receptacle adjacent said shorter lip and shorter than the distance from the lip of the shorter lip to the surface of the receptacle adjacent the longer
110 lip, means constantly urging said brush outwardly against said lips, and means constantly urging said brush against the side of the receptacle adjacent the shorter lip.

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