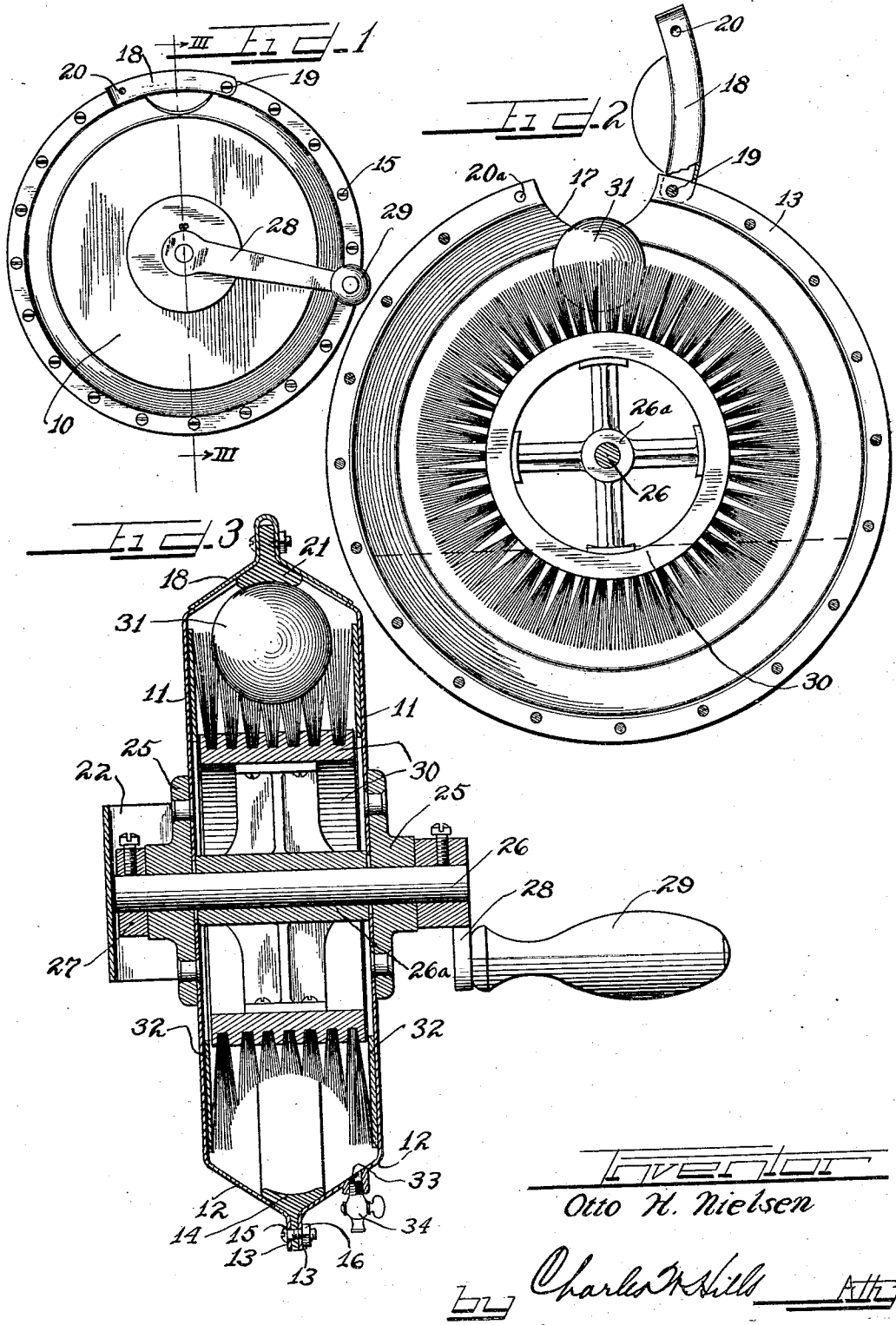
Dec. 6, 1932. O. H. NIELSEN 1,889,809

GOLF BALL WASHER

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Inventor

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by Charles K. Hills Attys.

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UNITED STATES PATENT OFFICE

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GOLF BALL WASHER

Application filed September 19, 1930. Serial No. 482,963.

This invention relates to a device for scrubbing and cleaning golf balls or the like, and concerns itself with means for rotating the balls around a circular path in contact with moistened scrubbing and cleaning elements whereby all portions of the balls may be thoroughly cleansed.

The invention comprises the novel structure and combination of parts hereinafter described and more particularly pointed out and defined in the appended claim.

In the accompanying drawing which illustrates a preferred form of this invention and in which similar reference numerals refer to similar features in the different views,

Figure 1 is a side elevation of the golf ball washer embodying the features of this invention;

Figure 2 is an enlarged, partly sectional, side elevation of the washer with one side thereof and the operating handle removed, illustrating a golf ball positioned in the washer preparatory to the cleaning thereof; and

Figure 3 is an enlarged section taken on the line III—III of Figure 1, showing the arrangement of the parts of the washer with a golf ball in position ready to be cleaned.

As shown on the drawing:

The embodiment chosen for illustrating the invention comprises a substantially cylindrical housing 10 formed of side members 11 having converging portions 12 terminating in securing flanges 13 parallel with the main portion thereof. An annular resilient gasket 14 of rubber or the like is seated around the inner periphery of the housing and is retained in position by a reduced neck portion clamped between the flanges 13 of the side members 11. This gasket has a concave interior surface to fit the contour of the balls. Each of the flanges 13 is secured in cooperation with the gasket in any suitable manner, such as by a plurality of bolts 15 and nuts 16 for providing a liquid-tight compartment in the housing 10.

The top portion of each of the sides 11 is cut away in a semi-circular manner as illustrated at 17 in Figure 2 to provide an opening in the housing to allow a golf ball to be inserted or removed from the interior thereof. A cover member 18 formed to fit over the opening 17 has one end thereof pivoted as at 19 to the flanges 13 of the housing. The other end of the cover 19 is resilient and U-shaped provided with detents 20 for frictionally engaging depressions 20*a* in each of the flanges 13 for maintaining the cover in a closed position when the golf ball is being scrubbed and cleaned in the washer. The cover 19 is provided with a resilient gasket 21 similar in construction to the gasket 14 hereinbefore described.

A bracket 22 (Figure 3), secured to one of the sides 11, may be connected in any suitable manner to an object for supporting the washer 10 in a convenient place.

A bearing 25 is suitably secured to each of the sides 11 adjacent the center portions thereof for receiving a shaft 26 which extends through the housing 10 and projects beyond the face of each bearing 25. The shaft 26 is prevented from lateral motion with respect to the bearings 25 by a collar 27 secured on the outer end of the shaft, and the hub portion of a lever 28 which is secured on the opposite end of the shaft. The outer end of the lever 28 is provided with a handle 29 for actuating the shaft 26. A spider 26*a* is secured upon the shaft 26 for supporting a circular brush 30.

The bristle portion of the brush 30 is concaved or provided with a grooved periphery for contacting with the outer surface of a golf ball 31. Each side of the brush 30 is provided with a disc or shield 32 extending to the outer periphery of the bristles for preventing the outer row of bristle from contacting with the interior surface of the sides 11 so as to prevent wearing out of the bristles at that point. The housing as best illustrated in Figure 3 is provided with a drain 33 having a suitable drain cock 34 connected thereto for draining the liquid from the housing whenever desirable.

Whenever it is desired to clean the golf ball, the cover 18 of the washer in which a suitable quantity of water or cleansing fluid has been placed is swung upwardly on its pivot as best illustrated in Figure 2, and

the golf ball is inserted through the opening in the housing so that it will rest in the groove of the brush 30. Thereafter, the cover 19 is swung downwardly and latched to the housing. The handle 29 is then operated for rotating the shaft 26, which rotates the brush 30 for rotating the golf ball disposed therebetween and the gasket 14. This rotation of the brush causes the balls to travel in a circular path and to rotate so that all portions thereof will be thoroughly scrubbed and cleaned. The brush imparts movement to the golf ball in such a manner that the golf ball is rotated as it is moved through a body of liquid.

After the golf ball has been thoroughly scrubbed and cleaned, the cover 19 is pivotally moved to its raised or open position as illustrated in Figure 2. The handle 29 is actuated until the rotating brush 30 moves the ball 31 adjacent the opening 17 when it can be readily removed. After the ball is removed from the housing of the washer and after wiping off the moisture, the ball is ready for use again.

From the foregoing, it is obvious that I have provided a simple and inexpensive golf ball washer of such compact construction that it can readily be secured to or removed from a supporting member, and which is highly efficient for thoroughly scrubbing and cleaning golf balls.

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

I claim as my invention:

A golf ball washer comprising a casing formed of a pair of dished circular side members each having a peripheral flange, a T-shaped annular gasket having a portion thereof disposed between the opposed flanges of the sides when assembled and having a portion extending within the casing to provide a relatively wide and concave raceway, a shaft journaled in said casing, and a circular brush on said shaft and within the casing.

In testimony whereof I have hereunto subscribed my name at Chicago, Cook County, Illinois.

OTTO H. NIELSEN.