Jan. 5, 1932. L. E. JONES ET AL 1,840,038

GOLF CUP FOR SAND GREENS

Filed Oct. 16, 1929

Fig. 1

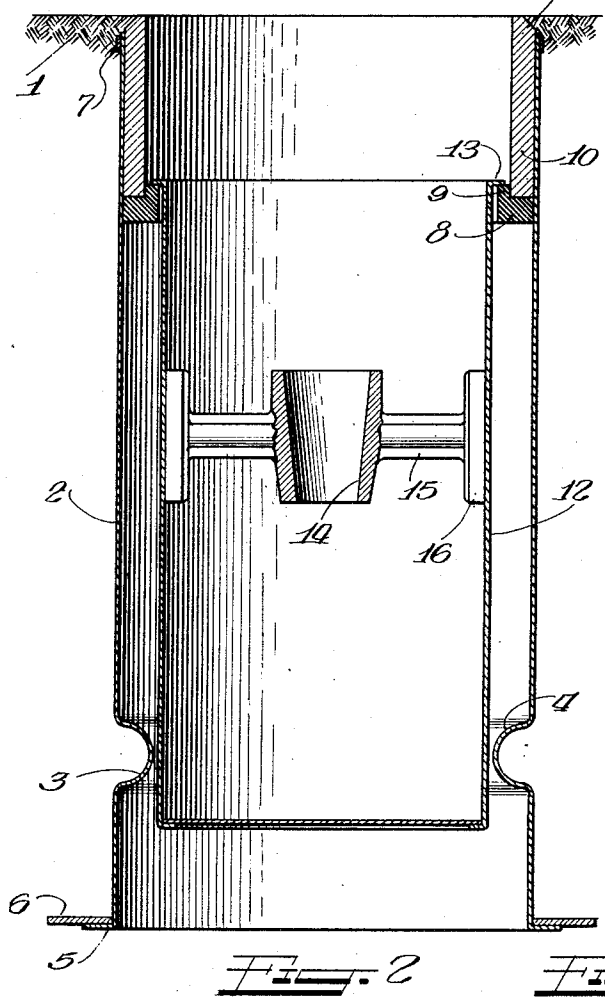


Fig. 3

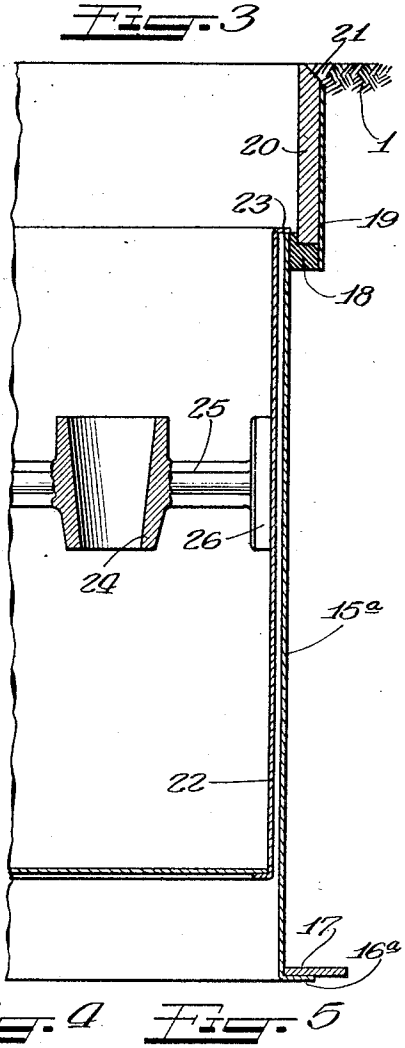


Fig. 2

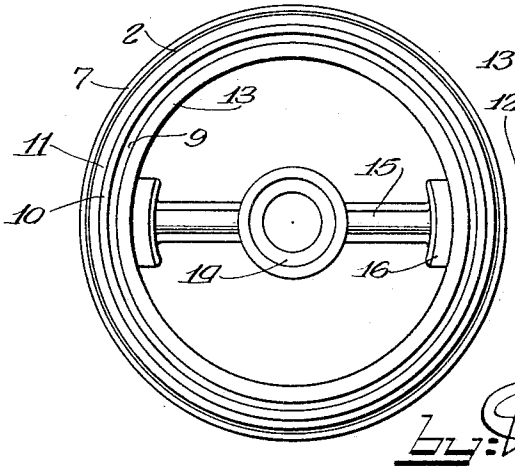


Fig. 4

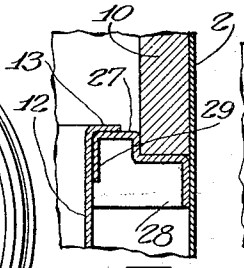
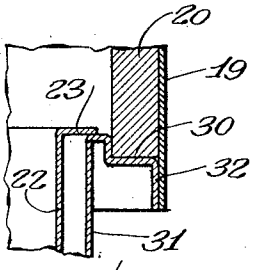


Fig. 5



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UNITED STATES PATENT OFFICE

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GOLF CUP FOR SAND GREENS

Application filed October 16, 1929. Serial No. 399,920.

On golf courses which are provided with sand greens it has been found that the sand immediately surrounding the cup has a tendency to enter the cup, leaving a slightly conical depression around the top of the cup, permitting golf balls to roll into the cup as they approach the same, or, in some cases, leaving the upper rim of the cup exposed, causing approaching golf balls to rebound from the cup even after a successful putt.

To overcome the above difficulty, this invention has been devised to provide an improved golf cup for use in sand greens, said cup being so constructed that a ring or collar of leather or non-resilient material is supported in the upper end of a cup casing with the upper end of the ring or collar constructed to hold or retain the sand immediately surrounding the cup in a substantially level position to provide an ideal arrangement for putting on a sand green.

It is an object of this invention to provide an improved golf cup for use on sand greens of golf courses, said cup consisting of a casing or cell adapted to have removably seated therein a golf ball cup with the upper level of the cup positioned beneath the upper level of a ring or lining sleeve formed of leather or non-resilient material and having the upper margin thereof peripherally chamfered for the purpose of retaining the sand immediately surrounding the top of the cup in a substantially level position to facilitate putting.

It is a further object of this invention to provide a sand green cup device consisting of a housing provided with a ring member for removably supporting a cup in position and furthermore serving as a support for a lining collar of non-resilient material, the upper margin of which projects above the upper end of the housing and is preferably peripherally chamfered.

It is an important object of this invention to provide an improved golf cup for sand greens of a type wherein a ring-supporting housing is adapted to removably support a golf ball cup and flag pole holder in position beneath an upwardly projecting collar of non-resilient material, the upper margin of said collar being so positioned and shaped that the sand immediately surrounding the cup hole is maintained in a substantially level position to afford proper putting facilities.

Other and further important objects of this invention will be apparent from the disclosures in the specification and the accompanying drawings.

This invention (in a preferred form) is illustrated in the drawings and hereinafter more fully described.

On the drawings:

Figure 1 is a vertical section, with parts in elevation, taken through an improved golf sand green cup device embodying the principles of this invention.

Figure 2 is a top plan view of the cup device.

Figure 3 is a fragmentary vertical sectional view of a modified form of sand green cup.

Figure 4 is an enlarged fragmentary detail section illustrating a modified form of a ring member constructed of sheet metal and secured on the inner face near the upper end of the cup casing.

Figure 5 is an enlarged fragmentary detail section of another modified form of sheet metal ring member which is integrally formed on the upper end of a cup casing for the support of the collar of non-resilient material forming a part of the device.

As shown on the drawings:

The reference numeral 1 indicates a sand green having a hole provided therein for the reception of an improved golf cup device comprising a cylindrical metal casing or housing 2 provided with a peripheral groove 3 near the lower end thereof. The provision of the groove 3 forms a guide ring 4 within the lower portion of the casing. The lower end of the casing 2 is provided with a flange 5 upon which a ring 6 is secured, to afford a means for retaining the casing 2 within the hole after sand has been packed around the casing.

The upper end of the casing 2 is reinforced by means of a band or hoop 7 which is positioned a short distance below the level of the sand green 1.

Rigidly secured within the upper portion of the casing 2 is a solid ring member 8 provided with a rim 9, affording a groove between the rim 9 and the interior wall of the casing. Mounted in the upper end of the casing 2 and seated in the groove provided in the ring member 8 is a lining sleeve or collar 10 constructed of leather or any other suitable non-resilient material. The upper end or margin of the ring liner 10 projects above the upper end of the casing 2 with the top edge of said ring liner being positioned in the plane of the top surface of the sand green. The outer upper peripheral edge of the ring liner 10 is chamfered or cut away to provide a beveled ring surface 11 and serves as a means for preventing the sand from entering the top of the housing.

Removably engaged within the housing 2 is a golf ball receiving cup or container 12, the lower end of which is closed and projects into the casing 2 through the guide ring 4, which serves to hold the cup in vertical position. Integrally formed on the upper end of the cup 12 is a flange 13 which is adapted to seat upon the rim 9 of the ring 8.

Securely mounted within the cup 12 at about the middle portion thereof is a flag pole holder or socket 14 which is supported in position by means of a cross bar or arm 15 having blocks or heads 16 formed on the end thereof and rigidly secured to the inner face of the cup 12 by any suitable supporting means.

Figure 3 illustrates a modified form of the sand green cup device and embraces an outer casing or housing 15*a* the lower margin of which is provided with an integral flange 16*a* and a ring member 17 to afford a base for the casing. Rigidly secured on the exterior of the upper end of the casing 15*a* is a solid ring member 18 provided with a groove. Secured to the outer peripheral surface of the ring 18 is a metal collar or ring 19 which projects upwardly to within a short distance of the top level of the sand green. Seated within the outer collar 19 is a liner sleeve or ring 20 forming a mouth portion constructed of leather or any other suitable flexible non-resilient material. The upper end of the liner 20 projects above the upper end of the collar 19 and has the edge thereof cut away to afford a beveled ring surface 21.

Removably engaged in the casing 15*a* is a golf ball receiving cup or container 22, the lower end of which is closed. The upper end of the cup 22 is provided with a flange 23 which seats upon the upper edge of the casing 15*a*. Positioned within the cup 22 is a flag pole holder or socket 24 provided with a pair of arms 25 having blocks or shoes 26 formed on the outer ends thereof and secured to the inner surface of the cup 22 to hold the socket at a desired elevation within the cup.

Figure 4 illustrates a sand green cup device similar in construction to that illustrated in Figure 1 but having a modified form of supporting ring member, which, in this case, comprises a sheet metal hollow ring embracing a ring plate 27 deflected to afford a peripheral groove for the reception of the lower end of the ring liner 10. Integrally formed on the outer edge of the ring plate 27 is an outer flange 28 which is rigidly secured to the inner surface of the casing 2. Integrally formed on the inner peripheral edge of the ring plate 27 is a downwardly directed inner flange 29 which affords a guide ring through which the cup 12 is adapted to be inserted with the upper flange 13 of the cup seated upon the top of the ring plate 27 to support the cup in position within the casing.

Figure 5 illustrates another modified form of supporting ring device comprising a grooved ring 30 which is integrally formed on the upper end of a casing or housing 31 within which a golf ball cup 22 is adapted to be removably supported. Integrally formed on the outer margin of the ring 30 is a downwardly directed flange ring 32 to which a collar 19 is adapted to be secured, similar to the arrangement shown in Figure 3.

The outer casing or housing of the improved device is adapted to be buried in the sand green with the collar or liner 10 or 20 constructed of leather or other suitable non-resilient material projecting above the upper end of the casing or outer ring member 19 to the level of the sand green. The cup for receiving the golf balls is adapted to be inserted in the casing or housing and is adapted to have the upper flange thereof resting upon the ring provided on the casing or housing. This arrangement permits the sand surrounding the cup device to retain a substantially level position around the upper projecting chamfered end of the liner ring or collar 10 or 20, so that sand is prevented from entering the cup. By constructing the liner ring of leather or other suitable non-resilient material, golf balls coming in contact with the upper end of said collar or liner ring are not apt to rebound but will have a tendency to pass over the top of the liner ring and drop into the cup.

It will, of course, be understood that many details of construction may be varied through a wide range without departing from the principles of this invention, and it is, therefore, not purposed limiting the patent granted hereon otherwise than necessitated by the scope of the appended claims.

We claim as our invention:

1. A sand green golf cup device comprising a housing, a ring member secured thereto, a flexible non-resilient ring liner supported on said ring member and projecting above the upper end of the housing, a golf ball re-

ceiving cup removably engaged in said housing and supported by said ring member, and a flag pole holder supported in said cup.

2. A golf cup device comprising a housing, a ring member secured thereto, a collar of flexible non-resilient material supported by said ring member and projecting above the upper end of the housing, and a cup engaged in said housing and supported on said ring member.

3. A golf green cup device comprising a housing, a base formed thereon, a ring member supported by said housing, a cup positioned in said housing and supported by said ring member, and a lining member of flexible non-resilient material supported on said ring member and projecting above the upper end of said housing.

4. A golf cup device comprising a housing, a flange ring integrally formed on the lower end thereof, a base ring surrounding the lower end of said housing and supported on said flange ring, a grooved ring member supported by said housing, a cup removably engaged in said housing and hung from said ring member, a flag pole holder mounted in said cup, and a chamfered collar of flexible non-resilient material supported in the grooved ring member and projecting above the upper end of said housing.

5. A golf cup device comprising a housing, a base member secured to the lower end thereof, a grooved ring member supported by said housing, a cup removably engaged in said housing, a flange formed on the upper end of said cup and resting on said ring member to hold the cup supported in position, and a lining collar of non-metallic non-resilient material supported in said grooved ring member and projecting above the upper end of said housing.

6. A golf cup device comprising a cup, a housing surrounding the same, a member secured to said housing to afford a support for said cup, and a sleeve of flexible non-resilient material supported on said member and projecting above the upper end of said housing with the projecting end of said sleeve chamfered.

In testimony whereof we have hereunto subscribed our names at Anaconda, Deer Lodge County, Montana.

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