

(No Model.)

T. J. GOLDEN.
UMBRELLA DRIP CUP.

No. 516,391.

Patented Mar. 13, 1894.

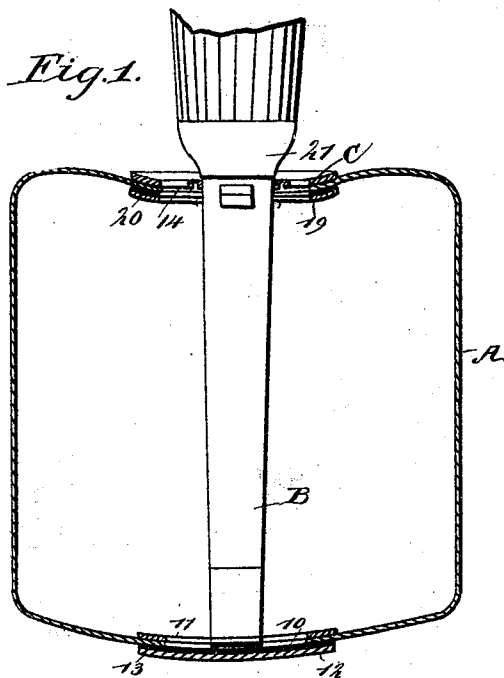


Fig. 2.

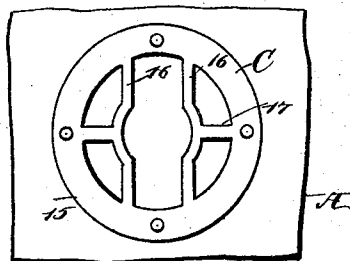


Fig. 3.

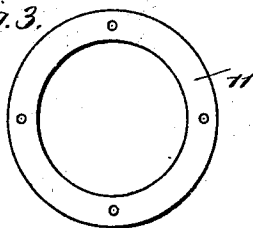


Fig. 4.

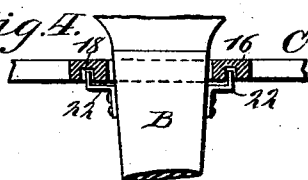


Fig. 5.

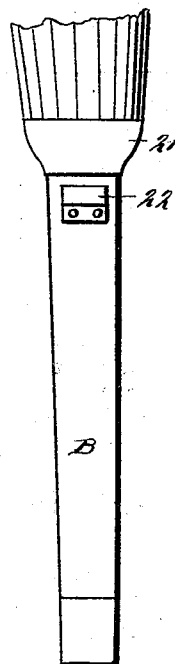
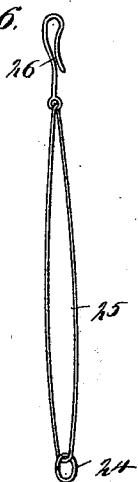


Fig. 6.



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TIMOTHY J. GOLDEN, OF JACKSONVILLE, FLORIDA.

UMBRELLA DRIP-CUP.

SPECIFICATION forming part of Letters Patent No. 516,391, dated March 13, 1894.

Application filed May 23, 1893. Serial No. 475,236. (No model.)

To all whom it may concern:

Be it known that I, TIMOTHY J. GOLDEN, of Jacksonville, in the county of Duval and State of Florida, have invented a new and Improved Drip-Receptacle for Umbrellas, of which the following is a full, clear, and exact description.

My invention relates to a drip receptacle for umbrellas, parasols and like articles, and it has for its object to provide a cup or like receptacle capable of being conveniently and expeditiously applied to the ferrule end of an umbrella staff in such manner that the cup or receptacle will be held in locking engagement with the staff.

A further object of the invention is to provide suitable openings in the cup or receptacle capable of conducting the drip from the umbrella into the cup or receptacle, which latter will hold the water and thereby prevent the support upon which the umbrella is placed from becoming wet or soiled in any manner.

A further object of the invention is to provide a drip cup or receptacle which when not in use may be attached to an umbrella and folded up in the body portion thereof if so desired.

The invention consists in the novel construction and combination of the several parts, as will be hereinafter fully set forth and pointed out in the claims.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar figures and letters of reference indicate corresponding parts in all the views.

Figure 1 is a vertical section through the device, illustrating it as applied to an umbrella, but not locked thereon. Fig. 2 is a partial plan view of the receptacle or cup. Fig. 3 is a detail view of one of the locking rings. Fig. 4 is a detail sectional view of the cup or receptacle, illustrating it as locked to an umbrella staff, the latter being partially in side elevation. Fig. 5 is a side elevation of the ferrule end of the umbrella staff, illustrating the locking device carried thereby; and Fig. 6 is a detail view of a device by means of which the receptacle may be attached to the body portion of the umbrella.

In carrying out the invention the cup or receptacle A may be of any desired shape;

preferably it is made somewhat square or polygonal in cross section, and is constructed from a flexible waterproof material, such as rubber, for example.

In the bottom of the cup or receptacle an opening 10, is made at its central portion, and the inner face of the bottom around the opening receives a tie ring 11. The opening is covered or closed by a plate 12, preferably of metal, and covered upon its inner face by a washer 13 of leather or of rubber. The plate and washer are of the same size, and are made to engage with the under or outer face of the bottom of the receptacle, completely covering its bottom opening 10, as shown in Fig. 1; and the ring 11, the bottom of the receptacle, the washer and the plate 12, are connected in a water-tight manner by means of rivets or equivalent fastening devices passed through them. Thus in the bottom of the cup or receptacle a depression is made which is adapted to receive the ferruled extremity of the umbrella staff B; and the plate 12, will prevent the umbrella staff from wearing through the bottom of the receptacle.

In the top central portion of the receptacle an opening 14, is made which corresponds to the opening in the bottom. Over this opening a grating C, is located, and the grating is preferably of the same exterior contour as the opening, and is ordinarily made circular, as shown in Fig. 2; it comprises a ring-like body 15, two bars 16, which extend from one side of the ring to the other, the bars being located at opposite sides of the center of the ring body, and two shorter bars 17, which serve as braces and connect the central portions of the long bars 16 with the ring body. Both of the bars 16, are curved at their central portions in opposite directions, the concaved faces of the curved portions being opposite each other, and the convexed surfaces face outward.

In the curved portion of each bar 16 a channel 18, is produced, as shown in Fig. 4, and the said channels are therefore curved and they extend through the inner edges of the bars. The grating C, after being applied to the top of the receptacle or cup around the upper opening 14, is connected by bolts, rivets, or like fastening devices with a tie ring 19 and washer 20, the washer being placed

upon the ring and in engagement with the under face of the upper portion of the cup. The ferrule end of the umbrella staff is adapted to be passed down into the receptacle between the central bars of the grating at their curved portions; and ordinarily, when the lower extremity of the staff strikes the bottom plate 12 of the receptacle, the sleeve 21, which is usually located where the cover joins the staff, will be practically in engagement with the upper faces of the said central bars, as shown in Fig. 1.

Angular locking plates or pins 22, are located upon opposite sides of the umbrella staff beneath the sleeve 21, as shown in Figs. 4 and 5; and the said plates or pins comprise a horizontal member, and an upwardly and a downwardly extending vertical member located one at each end of the horizontal member. The downwardly-extending member of the locking plate or pin is secured in any approved manner to the umbrella staff, and the upwardly-extending member is adapted to enter a channel or groove 18 in the grating. Thus, in operation, when the umbrella staff is placed in the receptacle the locking plates or pins will be located between the two central bars of the grating; by turning the staff the pins will enter the grooves or channels 18, and a locking connection is therefore effected which will hold the cup or receptacle firmly upon the staff. The drip from the body of the umbrella will then find its way through the openings between the bars of the grating into the receptacle.

When not in use the receptacle may be hung to the upper portion of any rib, occupying a position within the cover; or it may be otherwise disposed of. When it is to be hung upon the body portion of the umbrella, a ring 24, is passed loosely around one of the bars of the grating, and the ring is connected with a cord, tape or chain 25 to a spring hook 26, and the hook is adapted to be drawn over the umbrella rib or the edge of the umbrella cover.

As the cup or receptacle may be made of a light material, and one capable of being easily

folded, it will not add materially to the bulk of the umbrella when it is folded or tightly rolled.

It is evident that the depression in the bottom of the cup or receptacle will prevent the ferrule extremity of the staff, when introduced into the cup, from engaging with its thin and pliable walls.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. An umbrella drip cup or receptacle, the same consisting of a hollow pliable body provided with a grated opening at the top, a portion of the grating being adapted to receive the ferrule end of an umbrella or parasol staff, the said grating being further provided with channels forming a keeper adapted to receive a latch connected with the staff, and the body being further provided with a depression in its bottom surface, the bottom of which depression is of a rigid material, as and for the purpose set forth.

2. The combination, with an umbrella staff and a locking device secured thereto, of a drip cup or receptacle comprising a hollow pliable body provided with a grated opening at the top to receive the staff, and keepers to receive the locking devices of the staff, for suspending the cup or receptacle from the body of the umbrella when the receptacle is not in use, as and for the purpose specified.

3. The combination with an umbrella staff and a locking device secured thereto, of a drip cup comprising a hollow pliable body provided with a grated opening in the top to receive the staff, the ribs between which the staff passes being channeled forming a keeper to receive a locking device on the staff, the said body being further provided with a depression in its bottom and a rigid plate or disk constituting the bottom portion of the depression, as and for the purpose specified.

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Witnesses:

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