March 13, 1951 S. M. CREWDSON 2,545,022

UMBRELLA COVER

Filed Sept. 13, 1947

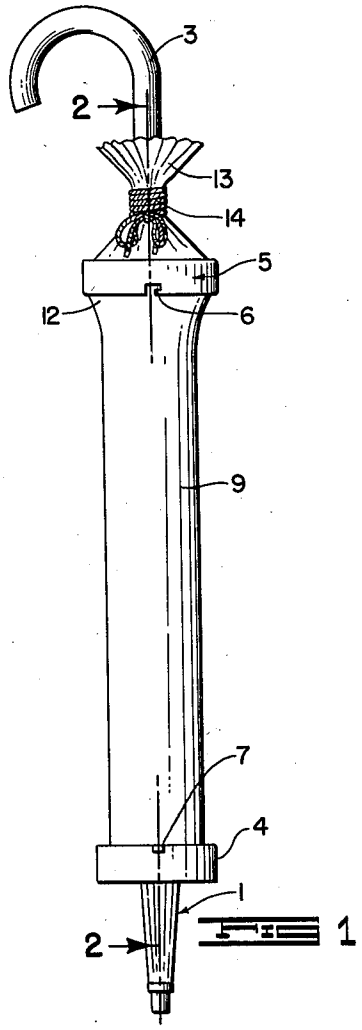
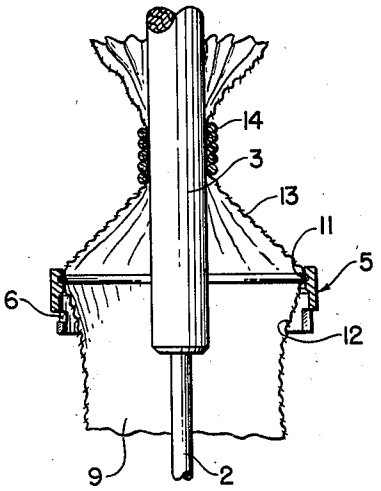


FIG 1



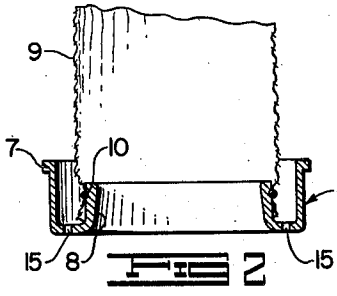


FIG 2

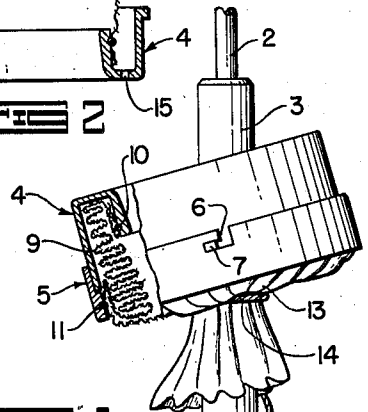


FIG 3

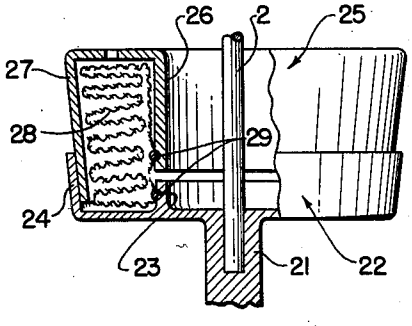
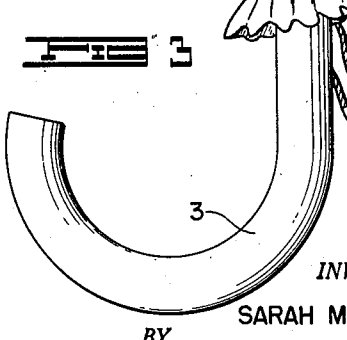


FIG 4



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UMBRELLA COVER

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2 Claims. (Cl. 135—33)

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My invention relates to umbrella covers, and included in the objects of my invention are:

First, to provide an umbrella cover which is so arranged that when the umbrella is folded the cover extends from the handle downwardly thereover, and when the umbrella is opened the cover is collapsed into an annular ring carried on the handle of the umbrella.

Second, to provide a collapsible umbrella cover of waterproof material which is shielded from moisture when the umbrella is open and is so arranged that the cover may be extended over the wet and folded umbrella to present a dry surface.

Third, to provide a collapsible umbrella cover which may be constructed as an attachment for conventional umbrellas or which may be incorporated integrally in the handle of a special umbrella.

Fourth, to provide a collapsible umbrella cover which is relatively inexpensive to manufacture, easily operated, and does not in any manner interfere with the use or operation of the umbrella.

With the foregoing and other objects in view, reference is directed to the accompanying drawings in which:

Figure 1 is an elevational view of a folded umbrella with my umbrella cover shown in its extended position thereover.

Figure 2 is an enlarged fragmentary sectional view through 2—2 of Figure 1.

Figure 3 is an enlarged partial elevational, partial sectional view showing my umbrella cover in its collapsed or folded position and with the handle portion of the umbrella only being shown.

Figure 4 is a partial elevational, partial sectional view of a modified form of my umbrella cover, the cover being shown in its collapsed position.

The umbrella 1, illustrated in the drawings, which may be conventional, includes, a shaft 2 on which are mounted the various ribs and braces, not shown, employed to contract and expand the umbrella. The shaft 2 is fitted into a handle 3.

My umbrella cover includes a pair of collars 4 and 5 which are adapted to be joined coaxially by means of mating slots 6 and pins 7. The collar 5 is provided with an internal rim 8 to define an annular channel. One extremity of the collapsible tube 9 is fastened around the internal rim 8 by means of a snap ring 10. The cover tube is preferably formed of waterproof fabric or from a yieldable and foldable plastic material. The cover tube extends within the other collar 4 and is secured therein by means of an internal

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snap ring 11 which presses the walls of the tube radially outwardly into a suitable groove formed within the collar 4. The cover tube is preferably enlarged, as indicated by 12 adjacent the snap ring 11. The cover tube projects beyond the collar 4 and is adapted to be gathered to form a radially constricted portion 13 which may be tied by a cord or other suitable securing means around the handle 3 of the umbrella.

When the umbrella is folded and the cover tube 9 is extended, the tube depends from its point of attachment to the handle 3, the collar 4 in such case constituting the upper collar and the other or lower collar 5 functions to hold the tube in radially extended position. The collar 4 forms a weight for the lower end of the cover tube so that it tends to occupy its extended position. The internal rim 8 of the lower collar 5 is large enough to fit freely over the folded umbrella and forms a guide so that the cover tube 9 is directed into the annular channel surrounding the rim 8.

The normal diameter of the cover tube is slightly larger than the internal rim and smaller than the internal diameters of the collars 4 and 5 so that it readily folds into the annular space surrounding the rim 8 and the two collars may be joined as shown in Figure 3.

When the umbrella is open and in use, the umbrella cover is collapsed, as shown in Figure 3, and is substantially protected by the umbrella against the possibility of becoming wet. Thus, when it is desired to close the wet umbrella, the umbrella cover is available as an externally dry tube which may be slipped over the folded umbrella and present a dry surface. Any excess moisture in the umbrella is, however, free to drain downwardly and out the bottom of the umbrella cover. In the event that some moisture should drain into the annular channel surrounding the rim 8, perforations 15 are provided.

The construction as shown in Figures 1 through 4 is designed as an attachment for a conventional umbrella. It is, however, desirable in some instances to arrange the umbrella cover as an integral part of the umbrella. In this case the umbrella handle 21 is provided with an integral collar 22 which includes an axially directed inner rim 23 and outer rim 24.

A mating collar 25 having an inner rim 26 and outer rim 27 is provided. The outer rim of the collar 25 is adapted to telescope within the outer rim of the collar 22 and the inner rims 23 and 26 are disposed in axial alignment so that the collars 22 and 25 define, as in the first described structure, an annular chamber.

A tubular cover 28 formed of fabric or flexible plastic material is attached at its extremities by snap rings 29 adapted to fit the inner rims 23 and 26. The outer rims of the collars 22 and 25 may be tapered slightly so that the two collars may be frictionally held together. It should be observed, however, that a secure fit is not required for the reason that when the umbrella is in use the umbrella cover tends to occupy its collapsed position. When the umbrella is folded, the collar 25 of the umbrella cover may be free to drop over the umbrella so that the umbrella cover may occupy its open position.

Many other embodiments of the invention may be resorted to without departing from the spirit of the invention.

I claim:

1. An umbrella protector, comprising: a collapsible tubular sleeve adapted to fit over a folded umbrella; one end of said sleeve adapted to be radially constricted for attachment to the handle end of an umbrella; a collar encircling said sleeve and secured thereto adjacent said end to hold said tubular sleeve expanded; a second collar encircling the extended end of said sleeve and secured thereto, said second collar slidable over said umbrella and tending to hold said sleeve in an extended position around said umbrella.

2. An umbrella protector, comprising: a collapsible tubular sleeve adapted to fit over a folded umbrella; one end of said sleeve adapted to be radially constricted for attachment to the handle end of an umbrella; a collar encircling said sleeve and secured thereto adjacent said end to hold said tubular sleeve expanded; a second collar encircling the extended end of said sleeve and secured thereto, said second collar slidable over said umbrella and tending to hold said sleeve in an extended position around said umbrella; said collars defining an annular chamber for receiving said sleeve when collapsed.

SARAH M. CREWDSON.

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