

O. W. WALTER.
 UMBRELLA ATTACHMENT.
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1,062,206.

Patented May 20, 1913.

Fig. 1.

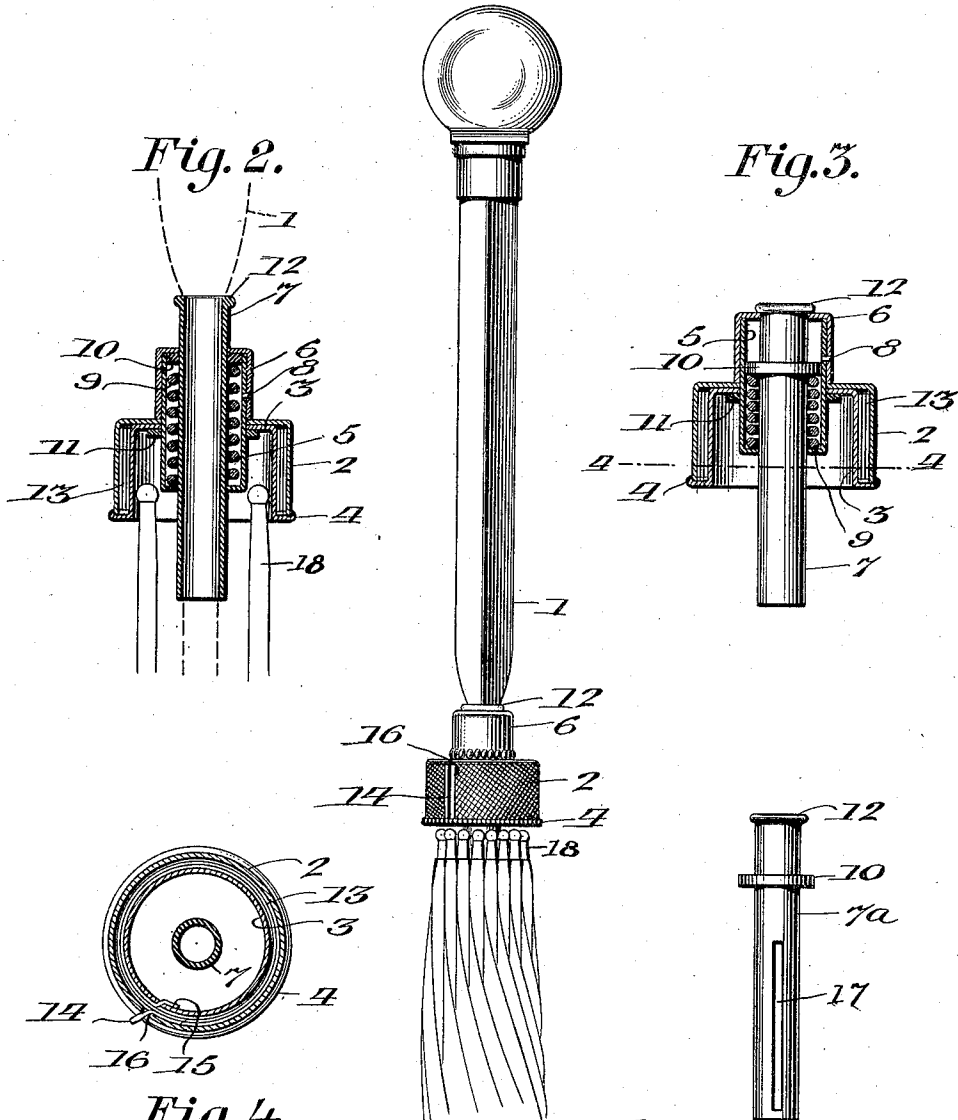


Fig. 2.

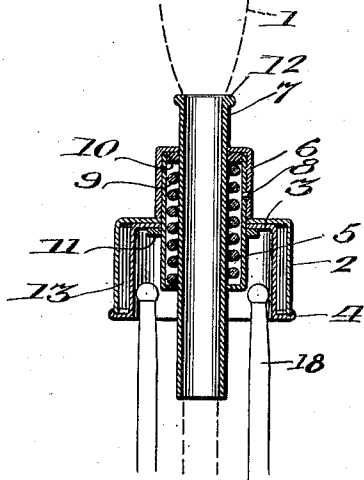


Fig. 3.

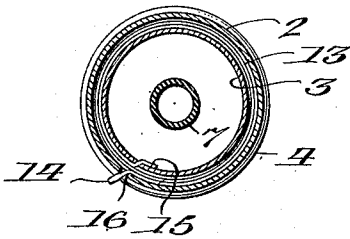
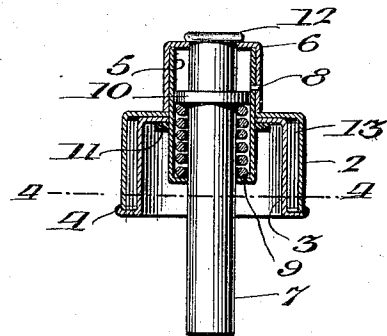


Fig. 4.

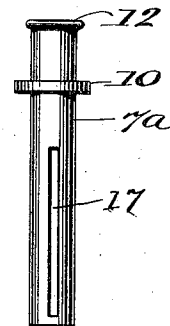
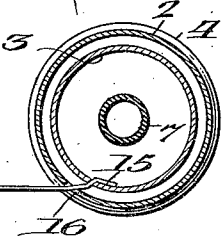


Fig. 5.

Fig. 6.



Witnesses

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UMBRELLA ATTACHMENT.

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To all whom it may concern:

Be it known that I, OTTO W. WALTER, a citizen of the United States, residing at Baltimore, in the State of Maryland, have
5 invented certain new and useful Improvements in Umbrella Attachments, of which the following is a specification.

This invention relates to an attachment for umbrellas having the double function
10 of a tape holder and of an umbrella tip retainer; more particularly it comprises an attachment made up of two concentric sleeves relatively rotatable, the one with respect to the other, and spaced apart to form
15 an annular tape holder or receptacle, together with means for attaching said sleeves to the umbrella rod so that they will form a yieldable spring pressed tip retainer when in normal position; and it further comprises
20 certain novel combinations and arrangements of parts, all as more fully hereinafter set forth and as claimed.

The object of the invention is to provide a name-tape holder in which a name
25 tape can be rolled up and concealed together with an attachment which will constitute an efficient retainer for the umbrella ribs.

The accompanying drawings are illustrative of the invention, and show one specific embodiment thereof.

In these drawings—Figure 1 is an elevation of part of an umbrella showing the attachment in place with the tip retainer
35 raised and the spring compressed. Fig. 2 is a vertical cross section of the attachment in normal position, the umbrella handle and tips being shown in outline. Fig. 3 is a cross section of the attachment in elevated
40 position with the spring compressed, the central tube being shown in elevation. Fig. 4 is a section on the line 4—4, Fig. 3 showing the tape in elevation. Fig. 5 shows a modification of the central supporting tube.
45 Fig. 6 shows a view similar to Fig. 4, but with the tape extended.

The attachment of the present invention is applied to the umbrella 1 at such a position on the handle or rod that it will constitute a tip retainer in which the tips may
50 be held when the attachment is in normal position, and into which or from which the tips may be inserted or removed when the spring is compressed and the retaining attachment is raised.

In the embodiment of the invention illus-

trated the attachment is applied to the umbrella rod adjoining the handle 1. The attachment can be applied to the rod after the handle has been applied, or it can be
60 applied to the handle in case the handle itself forms the rod, as in the case of some designs of parasols and umbrellas; or the attachment can be first applied to the rod, and the handle then applied to it. Means
65 (not shown) may be provided for holding this attachment rigidly upon the rod or handle, but in the embodiment of the invention illustrated this attachment is held
70 wedgingly upon this rod.

The tape holding attachment is shown as made up of the outer sleeve 2 and the inner sleeve 3, this inner sleeve being bent
75 outwardly at its lower end and formed with a bead 4 for closing the annular space between the sleeves and for furnishing a beaded edge by which the inner sleeve may
80 be held or rotated. These sleeves at their upper ends are held together on the tube or sleeve 5 between the outer cap 6 and the
85 collar 11, the sleeves being so held that they are relatively rotatable with respect to each other, one or both of the sleeves being rotatable for permitting winding and unwinding
90 of the tape. In the embodiment shown 85 both sleeves are rotatable, the sleeve 2 being milled or roughened or provided with a suitable design, if desired, on its outside, and the edge 4 being roughened, as already indicated, to permit one or both of these
95 sleeves to be rotated.

The attachment is applied to the umbrella handle or rod by means of the central tube
7, provided with a flange 12 at its upper end. A collar 10 is also mounted on this
95 tube 7. Surrounding the tube and below the collar 10 is a coiled spring 9 and surrounding this spring is a casing or sleeve
5 slidable upon the tube 7. The cap 6 is applied to the tube 7 above the collar 10
100 and is rigidly held with respect to the sleeve 5 and is slidable upon the tube 7 therewith. Upon the sleeve 5 below the inwardly extending flanges of the sleeves 2 and 3 is forced a collar 11, which coöperates with the
105 cap 6 to hold these two flanges in position.

The sleeve 5 and cap 6 can be permanently
110 attached together by the pin 8, if desired, but usually a wedging fit is sufficient for holding these parts firmly together.

The tape 13 is attached to the inner sleeve 3 at 15, and at its outer end extends through

the slot 16 in the outer sleeve 2. The tape may be either permanently or detachably secured to the inner sleeve, and at its outer end 14 may be provided with a finger hold or enlargement to prevent the end from entering the slot and for permitting it to be grasped. It will be seen that by making the sleeves 2 and 3 relatively rotatable and by rotating the same the tape 13 can be wound up in the annular receptacle, and that when so wound up it is entirely out of sight except at its end; but that it can readily be pulled out and exposed when it is desired to do so. It is thus possible to have one's name written upon the tape and the tape concealed from view, but with the tape so arranged as to be capable of easy inspection by anyone who is familiar with its location.

In putting together the parts of the attachment shown on the drawings the cap 6 is first mounted upon the tube 7 and the collar 10 is then applied to its desired position, it being held there wedgingly or by some other attaching means (not shown). The spring 9 is then placed upon the tube 7 and the cap 6 forced down on the same until a firm wedging fit is obtained, the pin 8 being applied if desired. The sleeves 2 and 3 are then applied to the sleeve 5 and the collar 11 forced on to hold these collars in place. The attachment can be applied either to the rod of the umbrella, or to the handle, as already indicated.

When the attachment is in the position shown in Fig. 2 the umbrella tips are retained and held in closed position. By raising the attachment to the position shown in Figs. 1 and 3 the umbrella tips can be removed or inserted with ease.

The modification shown in Fig. 5 differs from that of Figs. 2 and 3 only in that the tube 7^a is provided with a slot 17 so that the attachment may be applied to certain kinds of folding umbrellas which have a joint in the rod at the point where the attachment is applied.

By combining the umbrella retainer with the annular tape holder surrounding the same an exceedingly compact arrangement is secured, and a tape holder provided occupying a minimum of space and of a conveniently accessible nature. The attachment can be used on either umbrellas or parasols and can be provided with an external finish in accordance with the use to which it is put. When used on parasols with wooden handles it must be made of correspondingly larger size, but the double diameter of the tape holding receptacle need be only slightly larger than the diameter of a simple tip retainer alone.

Obviously variations and modifications can be made in the specific embodiment of the invention shown and described without

departing from the spirit and meaning of the invention as set forth in the accompanying claims.

I claim:—

1. An umbrella attachment comprising two concentric sleeves relatively rotatable, the one with respect to the other, and spaced apart to form an annular tape receptacle, means for attaching said sleeves slidably to the rod or handle of an umbrella, and means for preventing relative longitudinal movement of said sleeves.

2. An umbrella attachment comprising two concentric sleeves relatively rotatable, the one with respect to the other, and spaced apart to form an annular tape receptacle, means for attaching said sleeves slidably and yieldably to the rod or handle of an umbrella, and means for preventing relative longitudinal movement of said sleeves.

3. An umbrella attachment comprising two concentric sleeves relatively rotatable, the one with respect to the other, and spaced apart to form an annular tape receptacle, and means for attaching said sleeves slidably to the rod or handle of an umbrella comprising a tube adapted to be applied fixedly to an umbrella rod or handle, a sleeve surrounding said tube and slidable on the same, and means for holding said concentric sleeves on said slidable sleeve.

4. An umbrella attachment comprising two concentric sleeves relatively rotatable, the one with respect to the other, and spaced apart to form an annular tape receptacle, and spring means for attaching said sleeves slidably and yieldably to the rod or handle of an umbrella comprising a tube adapted to be applied fixedly to an umbrella rod or handle, a sleeve surrounding said tube and slidable on the same, a spring within said sleeve for holding the same yieldably in normal position, and means for holding said concentric sleeves on said slidable sleeve.

5. An umbrella attachment comprising two concentric sleeves provided with inwardly extending flanges at one end for so supporting the same as to permit of relative rotation thereof, an outwardly extending flange at the other end of the inner of said sleeves forming with the outer sleeve a closed annular tape receptacle, a tape slot in said outer sleeve, tape attaching means on said inner sleeve, whereby a tape may be wound into said annular receptacles by relative rotation of said sleeves, and means for attaching said sleeves at their inwardly extending ends slidably to the rod or handle of an umbrella.

6. An umbrella attachment comprising two concentric sleeves provided with inwardly extending flanges at one end for so supporting the same as to permit of relative rotation thereof, an outwardly extending flange at the other end of the inner of said

sleeves forming with the outer sleeve a closed annular tape receptacle, a tape slot in said outer sleeve, tape attaching means on said inner sleeve, whereby a tape may be wound into said annular receptacle by relative rotation of said sleeves, and spring means for attaching said sleeves at their inwardly extending ends slidably and yieldably to the rod or handle of an umbrella.

7. An umbrella attachment comprising two concentric sleeves provided with inwardly extending flanges at one end for so supporting the same as to permit of relative rotation thereof, an outwardly extending flange at the other end of the inner of said sleeves forming with the outer sleeve a closed annular tape receptacle, a tape slot in said outer sleeve, tape attaching means on said inner sleeve, whereby a tape may be wound into said annular receptacle by relative rotation of said sleeves, and means for attaching said sleeves at their inwardly extending ends slidably to the rod or handle of an umbrella comprising a tube adapted to be applied fixedly to an umbrella rod or handle, a sleeve surrounding said tube and slidable on the same, and means for holding said concentric sleeves on said slidable sleeve.

8. An umbrella attachment comprising two concentric sleeves provided with inwardly extending flanges at one end for so supporting the same as to permit of relative rotation thereof, an outwardly extending flange at the other end of the inner of said sleeves forming with the outer sleeve a closed annular tape receptacle, a tape slot in said outer sleeve, tape attaching means on said inner sleeve, whereby a tape may be

wound into said annular receptacle by relative rotation of said sleeves, and spring means for attaching said sleeves at their inwardly extending ends slidably and yieldably to the rod or handle of an umbrella, comprising a tube adapted to be applied fixedly to an umbrella rod or handle, a sleeve surrounding said tube and slidable on the same, a spring within said sleeve for holding the same yieldably in normal position, and means for holding said concentric sleeves on said slidable sleeve.

9. An umbrella attachment comprising a tube adapted to be applied fixedly to an umbrella rod or handle, a collar on said tube, a spring around said tube below said collar, a sleeve slidable on said tube and inclosing said spring and collar and held in position yieldably by said spring, a cap slidable on said tube above said collar and attached to said slidable sleeve, a collar on said slidable sleeve below said cap, and two concentric sleeves relatively rotatable the one with respect to the other, and spaced apart to form an annular tape receptacle, provided with inwardly extending flanges at one end attached to said slidable sleeve between said cap and collar, and held between the same, said rotatable sleeves being provided with tape slot and tape attaching means whereby a tape may be wound into said annular receptacle by relative rotation of said sleeves.

In testimony whereof I affix my signature in presence of two witnesses.

OTTO W. WALTER.

Witnesses:

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M. J. BARRETT.