

UNITED STATES PATENT OFFICE.

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UMBRELLA.

SPECIFICATION forming part of Letters Patent No. 750,553, dated January 26, 1904.

Application filed May 20, 1903. Serial No. 157,971. (No model.)

To all whom it may concern:

Be it known that I, EMMA T. MILLER, a citizen of the United States, residing at Urumia, Persia, have invented certain new and useful
 5 Improvements in Umbrellas; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it ap-
 pertains to make and use the same.

10 My invention relates to that class of umbrella-cases which are adapted to be secured to the umbrella when not in use, and has for its special object to provide a means whereby the umbrella-case may be gathered up and re-
 15 tained in position on the extension of the rod near the ferrule when it is desired to raise the umbrella. To accomplish these results, I employ the novel construction clearly and fully set forth in the annexed specification and
 20 drawings.

In the drawings, Figure 1 is a view of a raised umbrella, showing the case gathered up on the extension of the rod in accordance with my invention. Fig. 2 is a view of an
 25 umbrella provided with my improved construction with the case drawn over the cover. Fig. 3 is a similar view of an umbrella provided with my improvement, showing the case partially drawn off. Fig. 4 is also a similar
 30 view of an umbrella provided with my attachment, showing a portion of the case gathered up on the extension of the rod. Fig. 5 is an enlarged view of the band on the edge of the open end of the case. Fig. 6 is an en-
 35 larged view of the spring which I employ attached to the rod. Fig. 7 is an enlarged view of the open end of the case, showing the means for retaining it in position on the umbrella-rod.

40 In the drawings like letters of reference represent similar parts.

A in the drawings represents an umbrella-rod provided with the ordinary frame and cover B B', respectively, the rod A, as usual,
 45 having the portion *a* projecting beyond said frame and cover. Secured to the projection *a* by any suitable means, as shown in Fig. 6, is a wire or other suitable spring C, preferably parallel to the sides of said projection.
 50 The spring C is provided with a depressed

portion *c* of suitable size to receive the ordinary conically-shaped collar *d* of the case D, while said collar *d* is retained in the depression *c* by means of the suitably-shaped enlarged portion *c'* of the spring C, the other
 55 end of said spring being adapted to be depressed to allow said collar *d* to be removed from the depression *c*. The case D, which is of ordinary construction, is provided with the
 60 usual band or strap *d'*, attached to the edge of its open end. The band or strap *d'* is provided with usual button and loop *d*² and *d*³, respectively, and also a small hook *d*⁴, se-
 65 cured on the inside of the band *d'* opposite to the button *d*², said hook *d*⁴ being adapted to engage the spring C in order to hold the but-
 70 ton *d*² stationary, while the strap *d'* is carried around the rod A and the loop *d*³ passed over the button *d*².

From the foregoing description the opera-
 75 tion of my device may be clearly understood and is preferably as follows: Granting the umbrella to be rolled and the case on, with the conically-shaped collar *d* in the depressed
 80 portion of the spring C, as shown in Fig. 2, when it is desirable to raise the umbrella after the loop *d*³ has been released from the button *d*² the end *c'* of the spring C is depressed and
 85 the collar *d* removed from the depression *c*. The case D is then pulled partially off of the umbrella, as shown in Fig. 3, the removed portion is then gathered up and the collar *d* re-
 90 placed in the depression of the spring C, as shown in Fig. 4, after which the remainder of the case is removed from the umbrella and
 95 gathered up in a bunch with the first portion. The entire case having now been gathered up on the projection *a*, the hook *d*⁴ is made to engage with the spring C, as shown in Fig. 7,
 100 while the band or strap *d'* is carried around the rod A and the loop *d*³ passed over the button *d*², thus securely retaining the gathered case in such a position on the rod A that the umbrella may be raised in the usual manner. By this means it is evident that the case may
 be carried on the umbrella at all times without causing the slightest inconvenience, and thus preventing all chance of mislaying the case, which results from its separation from the umbrella. When desirable to replace the

case, all that is necessary after the umbrella has been rolled in the usual manner is to remove the loop \bar{a}^3 from the button \bar{a}^2 , release the hook \bar{a}^4 from the spring C, after which
5 the case may be pulled on in the ordinary manner and buttoned.

What I claim, and desire to secure by Letters Patent, is—

1. In an umbrella, the combination with a
10 rod provided with a frame and cover and an extension beyond said frame and cover, of a case provided at one end with a collar, means for detachably securing said collar on said extension and means on the other end of said
15 case for retaining the same in position, substantially as and for the purpose described.

2. In an umbrella, the combination with a rod provided with an ordinary frame and cover and an extension beyond said frame and
20 cover, of a case provided with a collar, a spring secured to said extension, said spring being provided with a depressed portion adapted to receive said collar, an enlarged portion adapted to retain said collar in said de-
25 pression and an enlarged portion adapted to

be depressed to allow the removal of said collar from said depressed portion, substantially as described.

3. In an umbrella, the combination with a rod provided with an ordinary frame and
30 cover and an extension beyond said frame and cover, of a case provided with a collar, a spring secured to said extension, said spring being provided with a depressed portion adapted to receive said collar, an enlarged por-
35 tion adapted to retain said collar in said depression and an enlarged portion adapted to be depressed to allow the removal of said collar from said depressed portion, a band or strap secured to said case and provided with a
40 button and loop, of a hook secured to said strap and adapted to engage said spring to hold said button stationary, substantially as described.

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

EMMA T. MILLER.

Witnesses:

J. P. COCHRAN,
FRANK S. COAN.