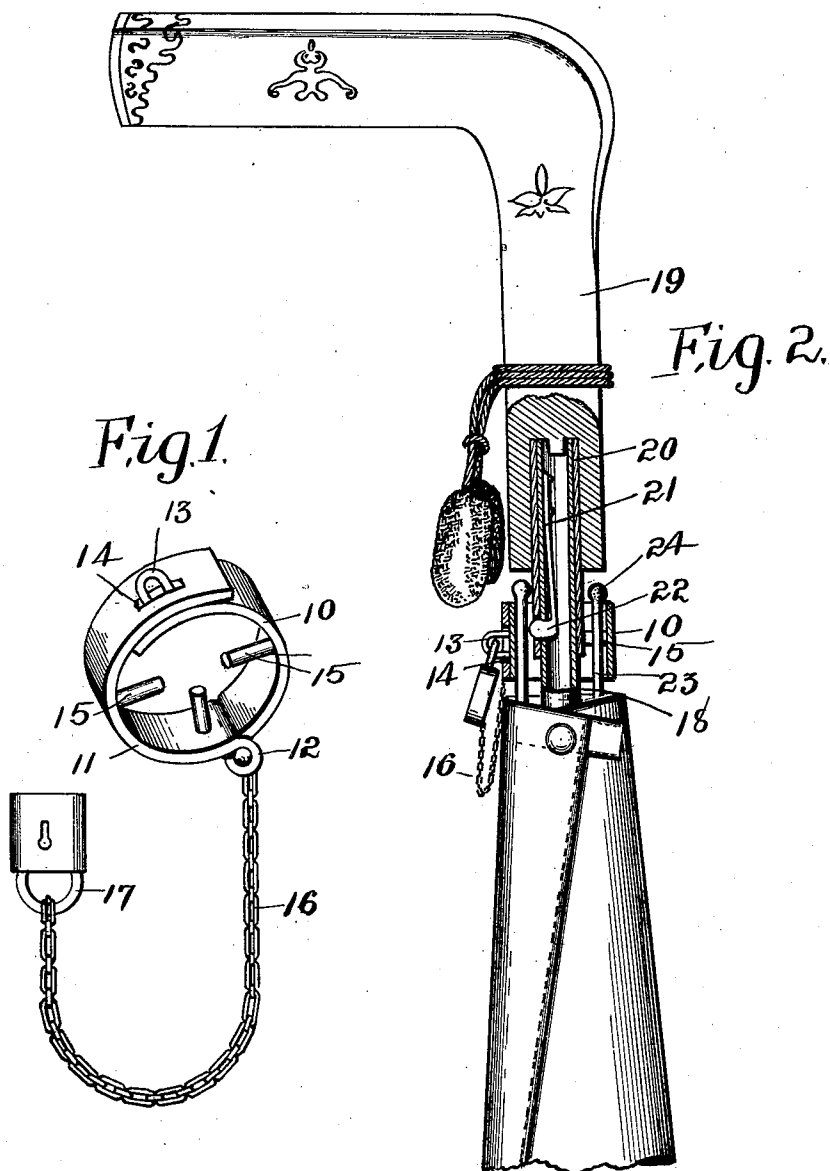


J. R. BARNES, JR.
 UMBRELLA LOCKING DEVICE.
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988,240.

Patented Mar. 28, 1911.



Witnesses
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UNITED STATES PATENT OFFICE.

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UMBRELLA-LOCKING DEVICE.

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To all whom it may concern:

Be it known that I, JOHN R. BARNES, JR., a citizen of the United States, residing at Oskaloosa, in the county of Mahaska and State of Iowa, have invented a certain new and useful Umbrella-Locking Device, of which the following is a specification.

My invention is intended to be used in connection with any ordinary umbrella and is more particularly designed for use in connection with umbrellas of the class having detachable handles.

The object of my invention is to provide a device of simple and inexpensive construction of small size so that it may be readily and easily carried in the user's pocket and so arranged that it may be readily and easily applied to or removed from an umbrella, and when applied will prevent the umbrella handle from becoming detached when used in connection with an improvement of the class having a detachable handle, and further to provide means whereby a chain may be passed around a stationary object to thereby securely lock the umbrella to said object.

My invention consists in certain details, in the construction, arrangement and combination of the various parts of the device, whereby the objects contemplated are attained, as hereinafter more fully set forth, pointed out in my claims and illustrated in the accompanying drawings, in which:

Figure 1 shows a perspective view of a device embodying my invention, and Fig. 2 shows a side elevation of a part of an umbrella of the class having a detachable handle and my improved device applied thereto in a locked position, a part of the umbrella and my improved lock being shown in section.

Referring to the accompanying drawings, the collar is formed of two parts of metal 10 and 11 hinged together at 12 at one end and having their ends arranged in overlapping positions. One of said overlapping ends is provided with a stationary metal loop 13 and the other with a slot 14 to receive said loop. On the interior of the collar is a number of pins 15 projected toward the center of the collar. The chain 16 is preferably connected to the hinged portion of the collar and a lock 17 is provided on said chain designed to be connected with the loop 13.

The umbrella illustrated in the drawings is of the class having a detachable handle

and of itself forms no part of my present invention. The essential parts of it comprise a tubular stem 18, a handle 19 having a tubular extension 20 to telescopically receive the stem 18. Within the stem 18 is a spring 21 having a lug 22 which normally extends outwardly through a slot in the stem and also through a slot in the part 20. In order to release the handle it is only necessary to press the lug 22 inwardly and then separate the handle from the stem. The umbrella ribs are of the ordinary kind and are indicated by the numeral 23 and are provided with the usual mounted knobs 24 at their ends.

In practical use and assuming that it is desired to apply my improved umbrella lock to an umbrella of the class having a detachable handle, I first place the umbrella ribs in their folded positions and then separate the sides of the collar and apply the collar around the upper ends of the ribs and around the umbrella stem above the umbrella cover as shown in Fig. 2. The pins 15 extend through between the upwardly extended ends of the ribs to a point close to the adjacent portion of the umbrella stem and they serve the purpose of holding the collar in position concentric to the stem. The knobs 24 on the ends of the ribs will prevent the collar from being moved in a direction toward the handle and the umbrella lock itself prevents the collar from moving in the opposite direction so that when the collar is in its closed position and the lock 17 is applied to the loop 13, it is impossible to open the umbrella until the sides of the collar are separated. Furthermore the collar in the position indicated in Fig. 2 obviously prevents access being had to the lug 22 so that the handle cannot be detached.

I claim as my invention:

1. An umbrella lock, comprising a two-part collar, said parts being hinged together and being designed to encircle an umbrella handle and also the projecting ends of the umbrella ribs, and a series of pins fixed to the interior of said collar and projecting inwardly toward the center of the collar being designed to be inserted between the projecting ends of the umbrella ribs, for the purposes stated.

2. An umbrella locking device, comprising a collar formed of two parts being hinged together at one end and having their other ends arranged in overlapping positions, a loop

fixed to one of the said overlapping ends, the other overlapping end being provided with a slot to receive the said loop, a chain fixed to the collar and a lock fixed to the end
5 of the chain and designed to engage said loop, and a series of pins fixed to the interior of the collar and extending inwardly toward its center, said collar being so arranged that it may be placed on the handle
10 of an umbrella and over the projecting ends of the ribs, said pins being arranged to extend through between the ribs to points adjacent to the handle to prevent the collar from sliding up or down on the handle, and said lock and chain being so arranged that
15 the chain may be placed around the arm of a seat or other object, for the purposes stated.

Des Moines, Iowa, Feb. 12, 1910.

JOHN R. BARNES, Jr.

Witnesses:

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."
