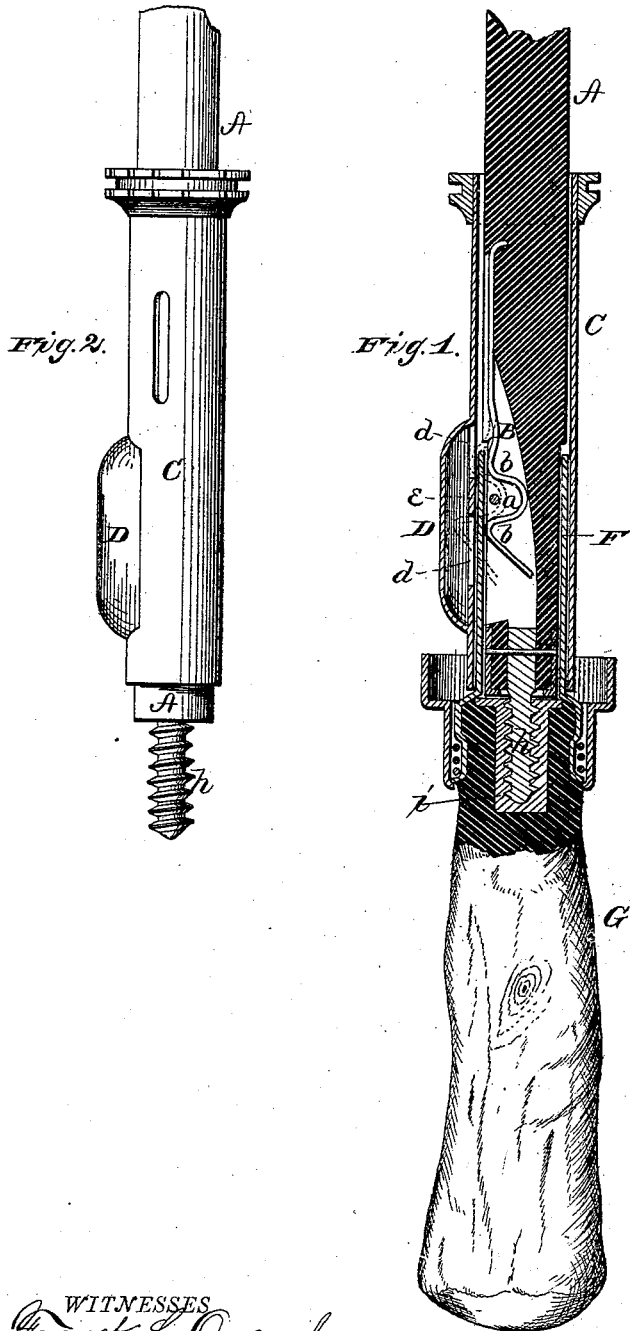


P. MOLLOY.  
Umbrella-Runner Lock.

No. 211,767.

Patented Jan. 28, 1879.



WITNESSES  
Frank L. Coward  
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# UNITED STATES PATENT OFFICE.

PETER MOLLOY, OF NEW YORK, N. Y.

## IMPROVEMENT IN UMBRELLA-RUNNER LOCKS.

Specification forming part of Letters Patent No. **211,767**, dated January 28, 1879; application filed September 25, 1878.

*To all whom it may concern:*

Be it known that I, PETER MOLLOY, of New York, in the county of New York, and in the State of New York, have invented certain new and useful Improvements in Safety-Locks for Umbrellas; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in the construction and arrangement of a lock for umbrellas or parasols, with the handle for the same acting as a key, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawings, in which—

Figure 1 is a longitudinal section of an umbrella or parasol handle embodying my invention. Fig. 2 is a side view of the same.

A represents the end of the staff of an umbrella or parasol, in a groove in which is placed and secured a wire spring, B. This spring forms two catches, *b b*, in the bend, between which is a pin, *a*, acting as a stop for the spring.

C represents the runner-tube, provided with two slots, *d d*, and a center bar, *e*, between them. This center bar acts as a fastener for the spring by the two catches *b b* springing into the slots *d* on both sides of said bar.

The slots *d* and bar *e* are covered with a cap, D, of metal, fastened to the runner, so that the spring-catches when in the slots are guarded, and cannot be opened without the key.

The key consists of a tube, F, attached to

the handle G, and said tube is of such size as to fit over the end of the staff under the runner-tube C.

In the end of the staff A is secured a screw, *h*, which projects a suitable distance beyond the same, and in the end of the handle is inserted and fastened a nut, *i*, for screwing on the handle to the staff. When the handle is thus fastened in place, the tube F presses back the spring B, so that the umbrella or parasol can be opened at will. By unscrewing and removing the handle the spring-catches *b* spring into the slots *d* and lock the umbrella or parasol, which then cannot be opened until the handle is again screwed on.

I am aware that a sliding tube used in connection with the runner to lock and unlock the spring-catch in an umbrella is not new, and I do not claim such as my invention.

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

1. The combination of the staff A with spring B, having double catches *b b*, the runner-tube C, with double slots *d*, and the cap D, substantially as and for the purposes herein set forth.

2. The combination of the staff A, spring B, having double catches *b b*, slotted tube C, with cap D, and the removable handle G, with tube F, substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 10th day of September, 1878.

PETER MOLLOY.

Witnesses:

HENRY B. HALLOCK,  
WM. F. LETT.