

P. MOLLOY.
UMBRELLA-RUNNER.

No. 186,600.

Patented Jan. 23, 1877.

Fig. 1.

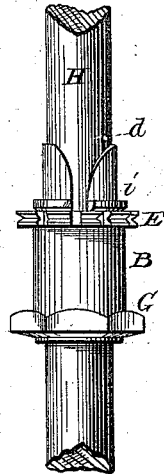


Fig. 4.

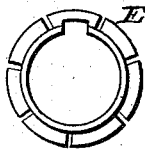


Fig. 2.

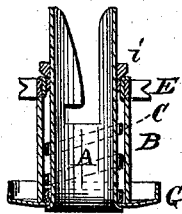


Fig. 3.



Fig. 5.



WITNESSES
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PETER MOLLOY, OF NEWARK, NEW JERSEY.

IMPROVEMENT IN UMBRELLA-RUNNERS.

Specification forming part of Letters Patent No. 186,600, dated January 23, 1877; application filed December 28, 1876.

To all whom it may concern:

Be it known that I, PETER MOLLOY, of Newark, in the county of Essex, and in the State of New Jersey, have invented certain new and useful Improvements in Parasol and Umbrella Runners without the use of springs in the sticks; 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 runner for umbrellas and parasols, 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 drawing, in which—

Figure 1 is a side view of my invention. Fig. 2 is a longitudinal section of the same. Figs. 3, 4, and 5 are detailed views of parts thereof.

The runner is composed of an interior tube, A, and an exterior tube, B, having a spiral or coiled spring, C, placed between them, one end of said spring being secured to the interior tube, and the other end to the exterior tube. The upper end of the exterior tube B is provided with the usual notched ring E, in which the braces are pivoted, and at the lower end of the interior tube is secured a collar or flange, G, to form a hand-hold simply in operating the runner. The interior tube A extends a suitable distance above the exterior tube B, and is formed at its upper end with a vertical slot, *a*, at the bottom of which is a horizontal slot, *b*. The metal at the upper end of the slot is cut off inclined, so as to pass over a

pin, *d*, fastened in the staff H, the whole forming a bayonet-joint, with a spring attachment to catch and hold it when open.

When opening the umbrella or parasol it is only necessary to move the runner straight upward, and it will be caught and held on the pin *d*. To let down the umbrella the inner tube A is simply turned by means of the collar or flange G.

i is a collar around the upper end of the inner tube, for strengthening the inner tube where it is slotted. The flange G at one end of the inner tube and the open ring *i* at the other end of said tube act as shoulders for each end of the outer tube to bear against, so as to keep said tube in proper position at all times.

It will be seen that the inner tube extends beyond the outer tube, and that a portion of the vertical slot *a* in the same is above the notched ring E, while the horizontal slot *b* in the inner tube is entirely concealed by the outer tube. Thus, when the umbrella is open, the pin *d* on the staff is entirely concealed.

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

The combination of the outer tube B, having the notched ring E, with the inner tube A, extended above the outer tube, and provided with the slot *a b*, open ring *i*, and flanged ring G, and the interposed spring C, all constructed as and for the purposes set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 8th day of December, 1876.

PETER MOLLOY.

Witnesses:

JULIUS GERSON,
F. A. MACY.