

(No Model.)

J. B. WILSON.
UMBRELLA RUNNER.

No. 303,353.

Patented Aug. 12, 1884.

Fig 1

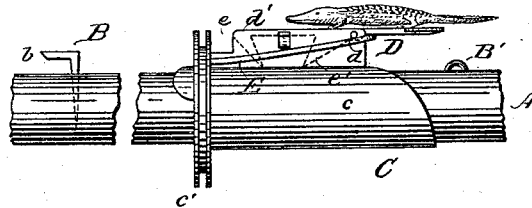


Fig 2

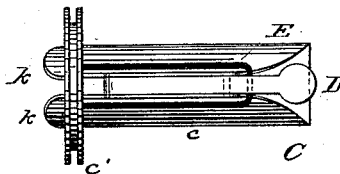
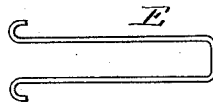


Fig 3



Witnesses.
Will S. Powell.
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UNITED STATES PATENT OFFICE.

JAMES BERNARD WILSON, OF PHILADELPHIA, PENNSYLVANIA.

UMBRELLA-RUNNER.

SPECIFICATION forming part of Letters Patent No. 303,353, dated August 12, 1884.

Application filed February 4, 1884. (No model.)

To all whom it may concern:

Be it known that I, JAMES BERNARD WILSON, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Umbrella-Runners; and I do hereby declare the following to be a full, clear, and exact description of the invention, reference being had to the accompanying drawings, which form part of this specification, in which—

Figure 1 is a side view of my invention. Fig. 2 is a top view. Fig. 3 is a detail view.

My invention has relation to certain improvements on the subject of Letters Patent of the United States granted to me March 6, 1883, No. 273,331, for umbrella-runners; and said improvements consist in certain details of construction, as hereinafter fully described and claimed, having reference principally to the following parts: first, the employment of the "notch," instead of the sleeve, as the holder and support of the spring; second, the construction of the lever with undercut or hook-shaped teeth as distinguished from those embraced in said Letters Patent.

Referring to the accompanying drawings, A designates an umbrella or parasol stick having the two pins or catches B B'.

C designates the runner, consisting of the sleeve *c* and the notch *c'*.

D represents the lever, fulcrumed at *d* to the flanges or lips *d'*, bent outwardly from the wall of the sleeve. As shown, the teeth *e e'* of said lever are hook-shaped, instead of being perpendicular, on their inner faces to the face of the lever, as in the patent referred to, and are so formed with a view to their secure engagement with the upper L-shaped catch, B, and the lower staple or screw-eye catch, B'. The upper catch is beveled on its point, as indicated at *b*, to facilitate engagement and disengagement of the lever.

E designates the spring by which the lever is maintained in its position, while allowed to yield sufficiently for all practical purposes.

The ends of said spring are embedded in the notch and rigidly secured thereto, instead of being attached directly to the sleeve. The notch is fully serviceable as a holder for the spring, and renders the attachment of the latter simpler and less expensive than where the sleeve is the holder. The ends of the spring may extend through the notch and curve reversely, as shown in Fig. 3, to serve as guides for the catch B, as substitutes for the ears *k k*. (Shown in Fig. 2.)

The lever D, as illustrated in my patent, is perfectly plain, and devoid of any feature in the nature of ornament, fanciful or artistic in configuration. I now propose making it the subject of such ornamentation as will conduce to the salability and use of the runner, and be in keeping with the profuse ornamentation to which the parts of umbrellas and parasols are subject.

I do not seek to cover any special design, or herein embrace what might be the proper subject of a design patent, but suggest that my invention, in its mechanical sense, consists in the application or employment of the lever as the basis or medium for such ornamentation or picturesque configuration as may be desirable, harmonious, or tasteful.

What I claim as my invention is as follows:

1. In an umbrella-runner of substantially the construction specified, the notch *c'*, as a holder for and combined with the spring E, as shown.

2. In an umbrella-runner, the lever D, having the undercut or hook-shaped catches or teeth *e e'*, substantially as described.

3. The spring E, having reversely-curved ends, in combination with the sleeve *c* and notch *c'*, substantially as described.

In testimony that I claim the foregoing I have hereunto set my hand this 29th day of January, 1884.

JAMES BERNARD WILSON.

Witnesses:

THOS. A. CONNOLLY,
A. A. CONNOLLY.