

(No Model.)

S. S. FRETZ & J. B. JESSON.

UMBRELLA RUNNER RETAINER.

No. 530,037.

Patented Nov. 27, 1894.

Fig. 1.

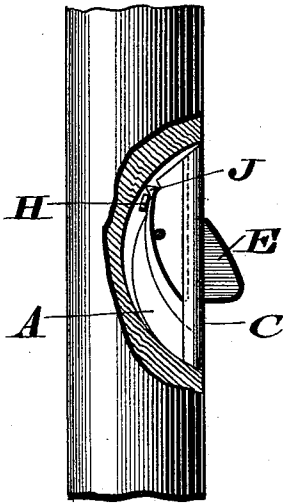


Fig. 2.

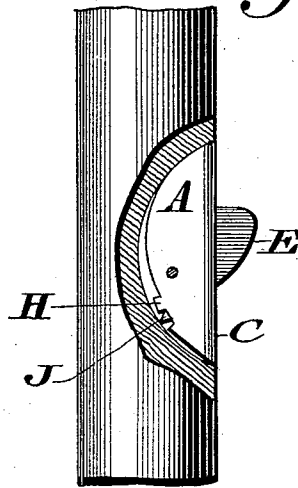


Fig. 3.

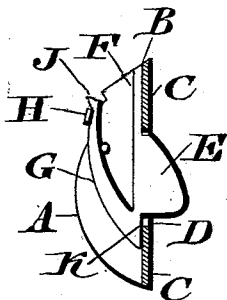


Fig. 4.

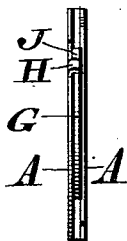


Fig. 5.



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UMBRELLA-RUNNER RETAINER.

SPECIFICATION forming part of Letters Patent No. 530,037, dated November 27, 1894.

Application filed December 19, 1893. Serial No. 494,105. (No model.)

To all whom it may concern:

Be it known that we, SAMUEL S. FRETZ and JOHN B. JESSON, citizens of the United States, both residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Improvement in Fasteners for Runners of Umbrellas and Parasols, which improvement is fully set forth in the following specification and accompanying drawings.

Our invention consists of a spring or fastener of novel construction for controlling the runner of an umbrella or parasol, as will be hereinafter set forth and claimed.

Figures 1 and 2 represent side elevations of a spring or fastener embodying our invention. Fig. 3 represents a vertical section thereof. Fig. 4 represents an end view thereof. Fig. 5 represents a top view on an enlarged scale.

Similar letters of reference indicate corresponding parts in the several figures.

Referring to the drawings: A designates a plate which is bent at one end forming the channel B, the bend C of the plate having a slot D therein, through which protrudes the shoulder and finger-piece E, by which an umbrella or parasol runner may be controlled in either the closed or open positions thereof, the plate A being adapted to be secured in a kerf in the stick in any suitable manner. Projecting from one end of said piece E, is an arm F, the same occupying the channel B, and bearing against the bottom wall of the said channel B. Projecting upwardly and rearwardly from the opposite end of said piece E is an arm G, which is preferably of curved form, and extends behind the piece E and arm F.

The inner end of the plate A has a lip H formed thereon, against which the free end of the arm G rests, said free end having formed on it the shoulder J, which primarily engages with the lip H, and prevents disconnection of the arm G from the plate A, and consequently assists in retaining the piece E

in position, it being seen that the arms F and G are elastic in their nature, and consequently provide a spring for the piece E.

On the end of the piece E, adjacent to the place of junction of the arm G therewith, is a tongue K, which is adapted to abut against the bottom wall of the channel B, and form a stop for limiting the outward movement of said piece. By having the arm G extending directly in rear of said tongue, the latter is stronger than if the tongue was below the inner end of the said arm.

The operation is as follows: When the piece E is pushed in, the runner may be disconnected therefrom, the arms F and G yielding to permit said inward movement of the piece, the free end of said arm G being capable of a slight movement relative to the aforesaid lip H, after which when the same is let go, it returns to its normal position owing to the action of said arms, the tongue K serving as a stop, thus limiting the outward movement of the finger piece E, and preventing the same from ever getting out of its proper place. The piece E and arms F and G are preferably formed of a piece of sheet metal suitably cut into shape.

Having thus described our invention, what we claim as new, and desire to secure by Letters Patent, is—

A fastening for an umbrella runner, consisting of a plate, having an edge bent over to form a channel, said plate having a slot in the channel, and a lip on one of its limbs, and a finger piece, projecting through said slot, and having an arm and tongue bearing against the bottom wall of the channel in said plate, at each end of the slot therein, and an arm directly in the rear of said tongue having a shoulder engaging said lip, said parts being combined substantially as described.

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Witnesses:

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