(No Model.)

J. B. JESSON.

UMBRELLA RUNNER RETAINER.

No. 458,851. Patented Sept. 1, 1891.

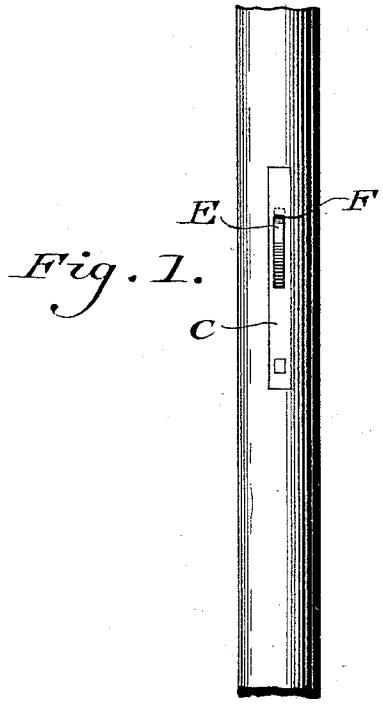


Fig. 1.

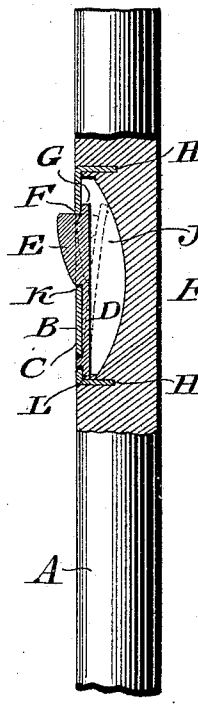


Fig. 2.

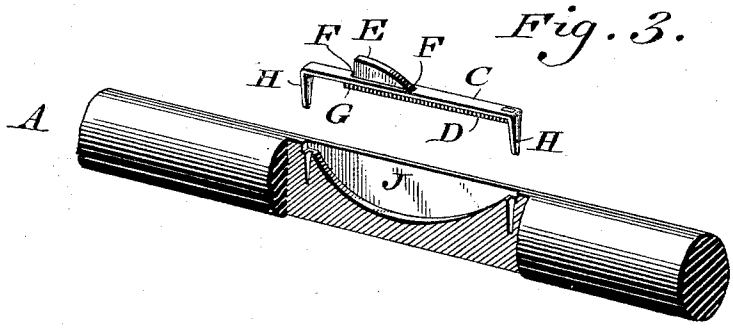


Fig. 3.

WITNESSES:

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UNITED STATES PATENT OFFICE.

JOHN B. JESSON, OF CAMDEN, NEW JERSEY.

UMBRELLA-RUNNER RETAINER.

SPECIFICATION forming part of Letters Patent No. 458,851, dated September 1, 1891.

Application filed January 22, 1891. Serial No. 378,687. (No model.)

To all whom it may concern:

Be it known that I, JOHN B. JESSON, a citizen of the United States, residing in the city and county of Camden, State of New Jersey, have invented a new and useful Improvement in Fastenings for Umbrella-Runners, which improvement is fully set forth in the following specification and accompanying drawings.

My invention consists of a fastener for the runner of an umbrella or parasol formed of a plate and a tongue connected therewith, the construction and advantages being hereinafter set forth.

Figure 1 represents a face view of an umbrella or parasol runner fastening embodying my invention. Fig. 2 represents a longitudinal section thereof. Fig. 3 represents a perspective view of the fastener disconnected from the stick.

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

Referring to the drawings, A designates an umbrella-stick, and B designates the fastener for the runner, the same consisting of the plate C, of metal or other suitable material, and the tongue D, the latter having a nose E, which protrudes through an opening F in said plate. The end of the tongue opposite to the nose is riveted to the adjacent portion of the plate, it being noticed that said tongue is located behind said plate. As the tongue is continuous of the nose and held at one end, it forms a spring for forcing out the nose and holding it in normal position. At the end of the tongue adjacent to the nose is a lip G, which, when the tongue is in normal position, abuts against the wall of the opening F and acts as a stop, so as to limit the outward motion of the tongue at the nose end thereof. At the end of the plate C are spurs H, which are driven into the stick for securing the fastener thereto, said stick being also recessed or kerfed, as at J, to receive the plate and tongue and permit the inward motion of the latter. At the base of the nose is a shoulder K, which bears against the lower wall of the opening F, thus sustaining said nose when subjected to the downward pressure of the runner and connected parts. The lower end L of the tongue bears against the adjacent spur H, so as to brace the tongue while subjected to downward strain. It will be seen that when the nose is pressed back the runner may pass the fastener, and when said nose is let go it returns to its normal position, so that the runner may engage with the same, it being evident that for the fastening of the runner, when the umbrella or parasol is in closed position, the parts are in reversed position, so that the flat face of the nose, which is shown at the top of the nose in Fig. 2, will face downwardly, so that the runner cannot be raised unless the nose is pressed back. As the tongue is a separate piece from the plate, and its connection therewith is at one end, said tongue possesses great resiliency and strength, and is caused to retain its operative position, it being braced in the direction of the longitudinal or vertical thrust thereon, owing to the shoulder K and the abutment of the end L against the spur at the end of the plate, which spur forms a shoulder with which said end contacts. As the end of the tongue opposite the nose abuts against the adjacent spur, the strain on the head, due to the weight or pressure of the runner against said head, is transmitted by the tongue to said spur, so that the head and tongue are braced and well enabled to endure the thrust or strain to which they are subjected. It will be noticed that the plate C is wider than the tongue D, whereby the latter is prevented from coming in contact with the walls of the recesses J in the stick or being interfered with by the warping of the same.

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

A slotted plate with attaching-spurs at the ends thereof, a spring-tongue connected with said plate, and a shouldered nose carried by said tongue entering the slot of the plate, the tongue extending along the plate on the back thereof and having its connected end abutting against the adjacent attaching-spur, the parts named being combined substantially as described, forming an improved fastening for the runner of an umbrella.

JOHN B. JESSON.

Witnesses:
JOHN A. WIEDERSHEIM,
A. P. JENNINGS.