

(No Model.)

E. L. GLENN.

RETAINER FOR UMBRELLA AND PARASOL RUNNERS.

No. 362,888.

Patented May 10, 1887.

Fig. 1.

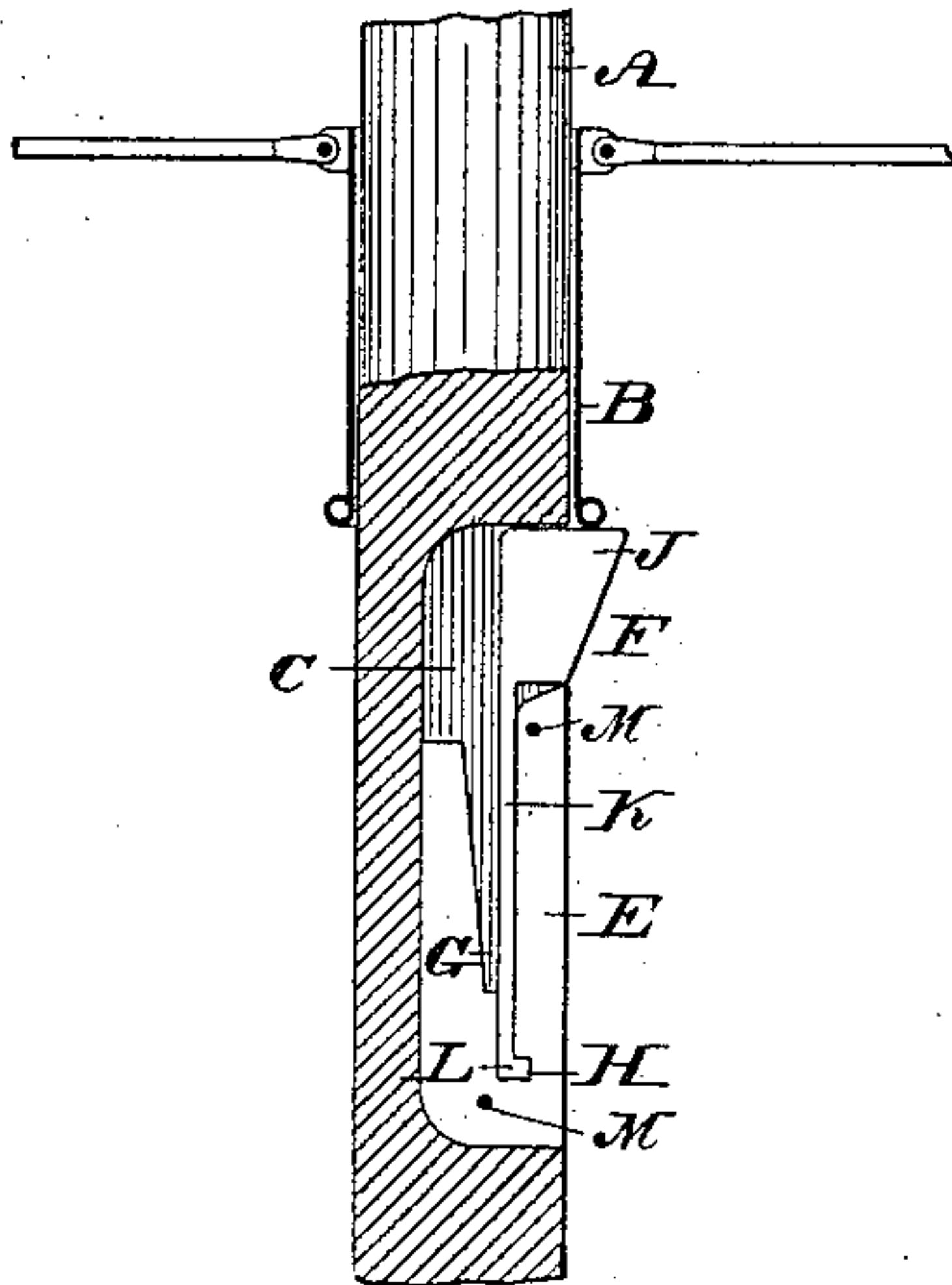


Fig. 2.

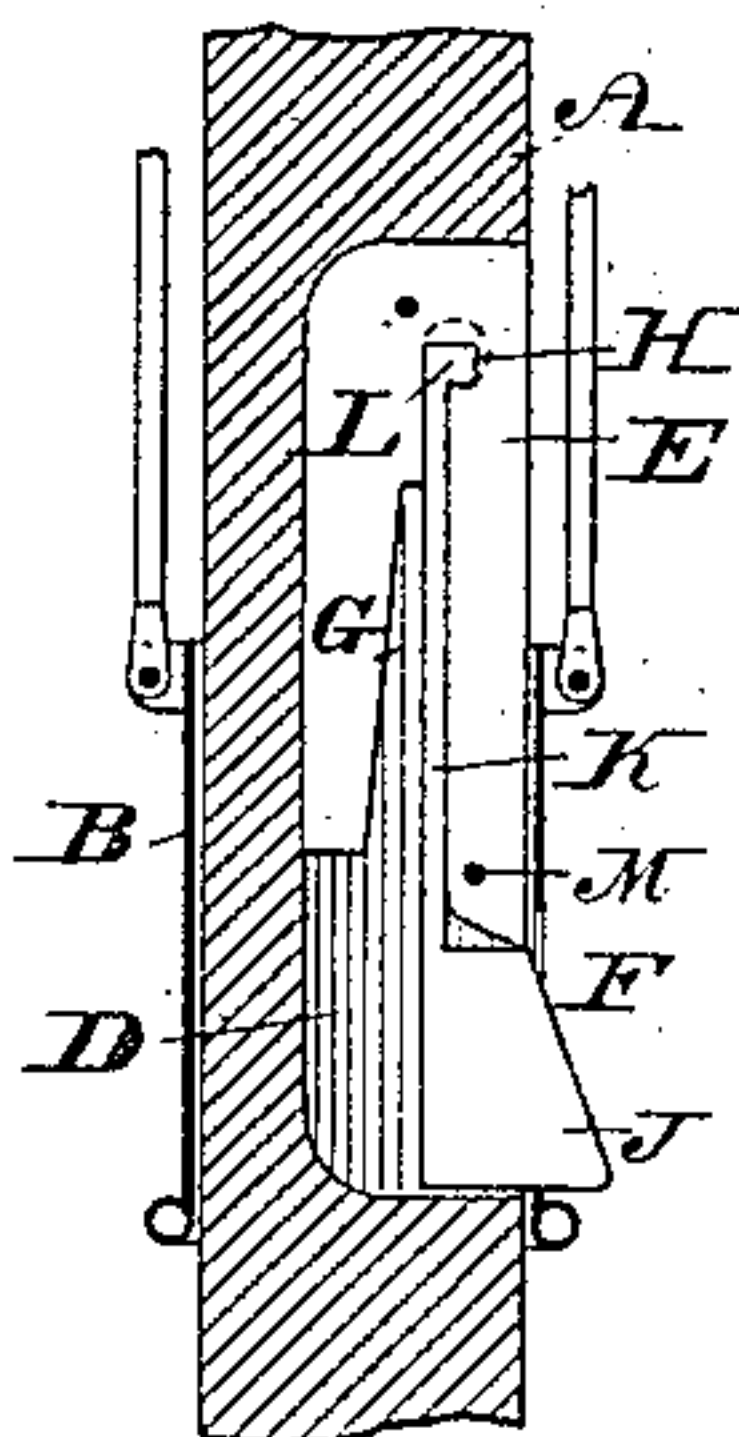


Fig. 5.

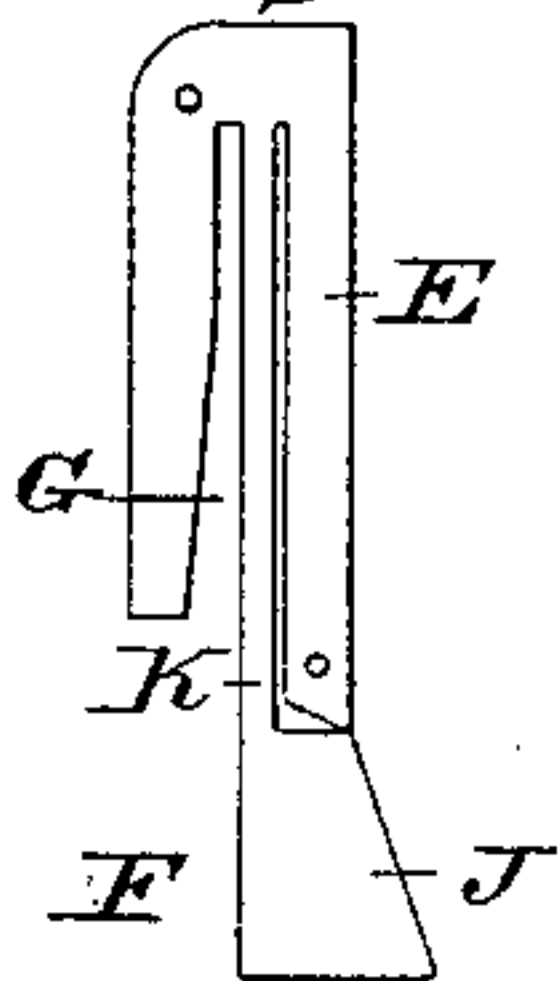


Fig. 6.

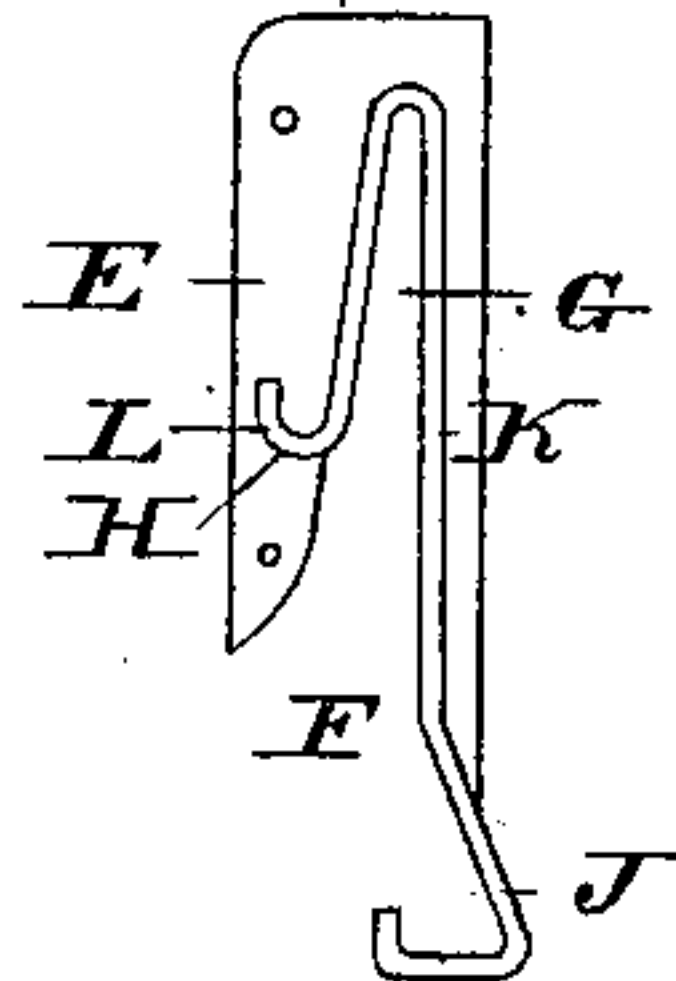


Fig. 3.

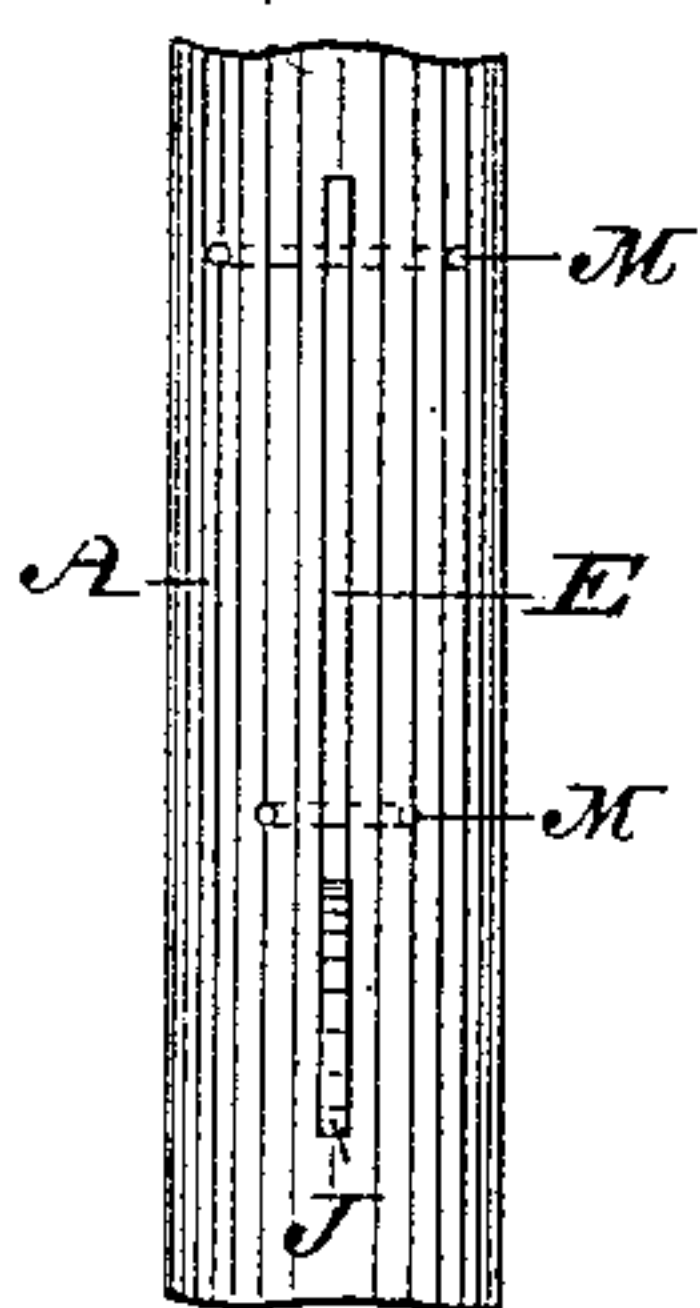
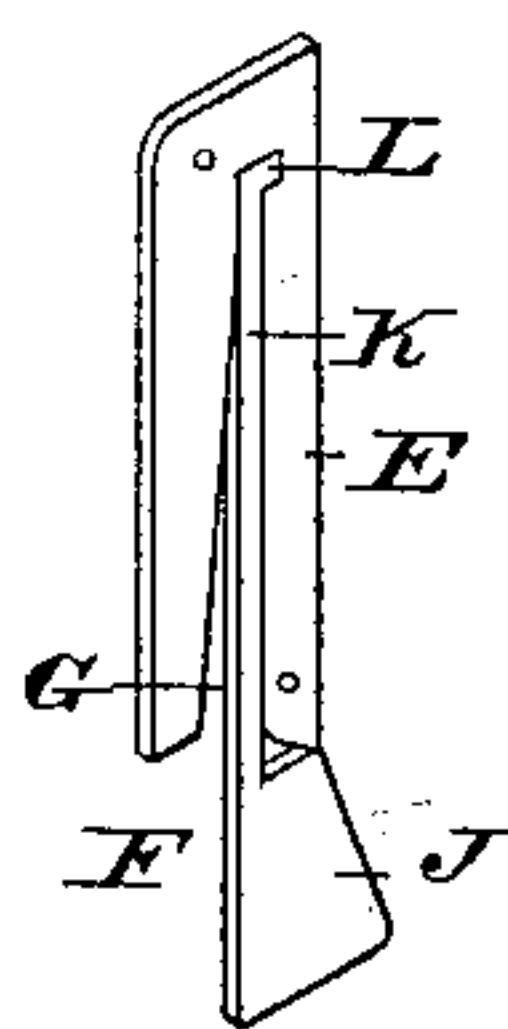


Fig. 4.



WITNESSES:

Th. Rolle.  
A. P. Grant.

INVENTOR:

E. L. Glenn  
BY John A. Diederichsen  
ATTORNEY.

# UNITED STATES PATENT OFFICE.

EDMUND L. GLENN, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR TO S.  
W. EVANS, JR., OF SAME PLACE.

## RETAINER FOR UMBRELLA AND PARASOL RUNNERS.

SPECIFICATION forming part of Letters Patent No. 362,888, dated May 10, 1887.

Application filed December 4, 1886. Serial No. 220,646. (No model.)

*To all whom it may concern:*

Be it known that I, EDMUND L. GLENN, a citizen of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Improvement in Retainers for Umbrella and Parasol Runners, which improvement is fully set forth in the following specification and accompanying drawings, in which—

Figures 1 and 2 represent side elevations, respectively, of the upper and lower retainers of an umbrella-runner embodying my invention. Fig. 3 represents a front view of an umbrella-stick showing edge of lower retainer. Fig. 4 represents a perspective view of the lower retainer. Figs. 5 and 6 represent modifications of the retainers.

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

My invention consists of a retainer for an umbrella or parasol runner, formed of a catch and a plate, the latter holding one end of the catch and filling the kerf in which the fastener is fitted.

Referring to the drawings, A represents a part of the stick of an umbrella, and B the runner thereof. Formed in the stick, at the places coincident with the position of the runner in the open and closed conditions of the umbrella, are longitudinally-extending grooves or kerfs C D, and in the same are fitted the retainers for the runner. Each retainer consists of a plate, E, and a spring-catch, F, both formed of metal of the same thickness, or approximately so; but any other suitable material may be used. The plate E has a longitudinally-extending recess, G, the inner end thereof extending laterally or being enlarged, forming the slot H. The catch F, formed preferably of sheet metal, consists of a head, J, a shank, K, and toe L. The shank K occupies the recess G of the plate E, it being noticed that said recess is considerably wider than the shank, so that the latter may play in the former. The toe L snugly occupies the slot H, thus connecting the catch with the plate. The head J extends beyond one side of the plate opposite to the toe L and projects therefrom so as to protrude beyond the kerf of the stick, whereby it may be readily pressed in by the thumb or fingers of the hand. When a catch

and plate are fitted together, as shown in Fig. 4, it is inserted in its proper kerf in the stick, and pins M are driven into the stick, passing through openings in the plate, whereby the plate is firmly connected with the stick. As the catch is secured to the plate by means of the toe L it cannot be displaced, and as the shank is held at one end by said toe it provides the necessary elasticity for the catch, so that as the head J is pressed in the catch yields and allows the passage of the runner, after which the catch springs out or returns to its normal position, holding the runner in closed or open positions of the umbrella, as the case may be. The head of the catch is supported on the adjacent wall of the plate, thus limiting the outward motion of the catch and relieving the shank of strain. The plates also snugly occupy the kerfs of the stick flush with the surface thereof, thus filling or closing the same and avoiding the openings usual in sticks of this class.

In Fig. 5 the plate or case E and catch F are shown integral or made of one piece, the catch being held at one end and its shank separated from the adjacent portions of the plate.

In Fig. 6 the catch is shown as made of wire, and it is attached at one end to the plate E, the operation being similar to that hereinbefore stated.

If desired, the plate E may be made of white or other metal cast into proper shape and the catch secured thereto in any suitable manner.

Other forms and construction of the plate and catch may be adopted, the principles of the invention being preserved.

I am aware that it is not new to construct a retention device for an umbrella or parasol, consisting of a narrow case having a slotted top, a catch projecting through the slot and adapted to turn at its rear end in the case, and a spring located under the catch; but I am not aware that the particular construction herein described, wherein the retainer consists of a plate having a recess and slot, the latter being adapted to receive the toe of the catch, so that the latter is securely held in position in said plate while the plate is in the kerf of the stick, which secures a retainer both effective and durable, and one which costs but little to manufacture, has ever before been used.



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

1. A retainer for an umbrella or parasol, consisting of the plate E, with longitudinally-extending recess G, the inner end of which extends laterally, forming the slot H, the catch F, with head J, having its shank K in the recess G, and its toe L in the slot H, all substantially as described.

2. A retainer for an umbrella or parasol, consisting of a plate having a recess and slot at one end thereof and a catch formed of a head, a shank, and a toe, said slot receiving the toe of the catch, thus connecting the catch with the plate, substantially as described.

EDMUND L. GLENN.

Witnesses:

JOHN A. WIEDERSHEIM,  
JERRY McDONOUGH.