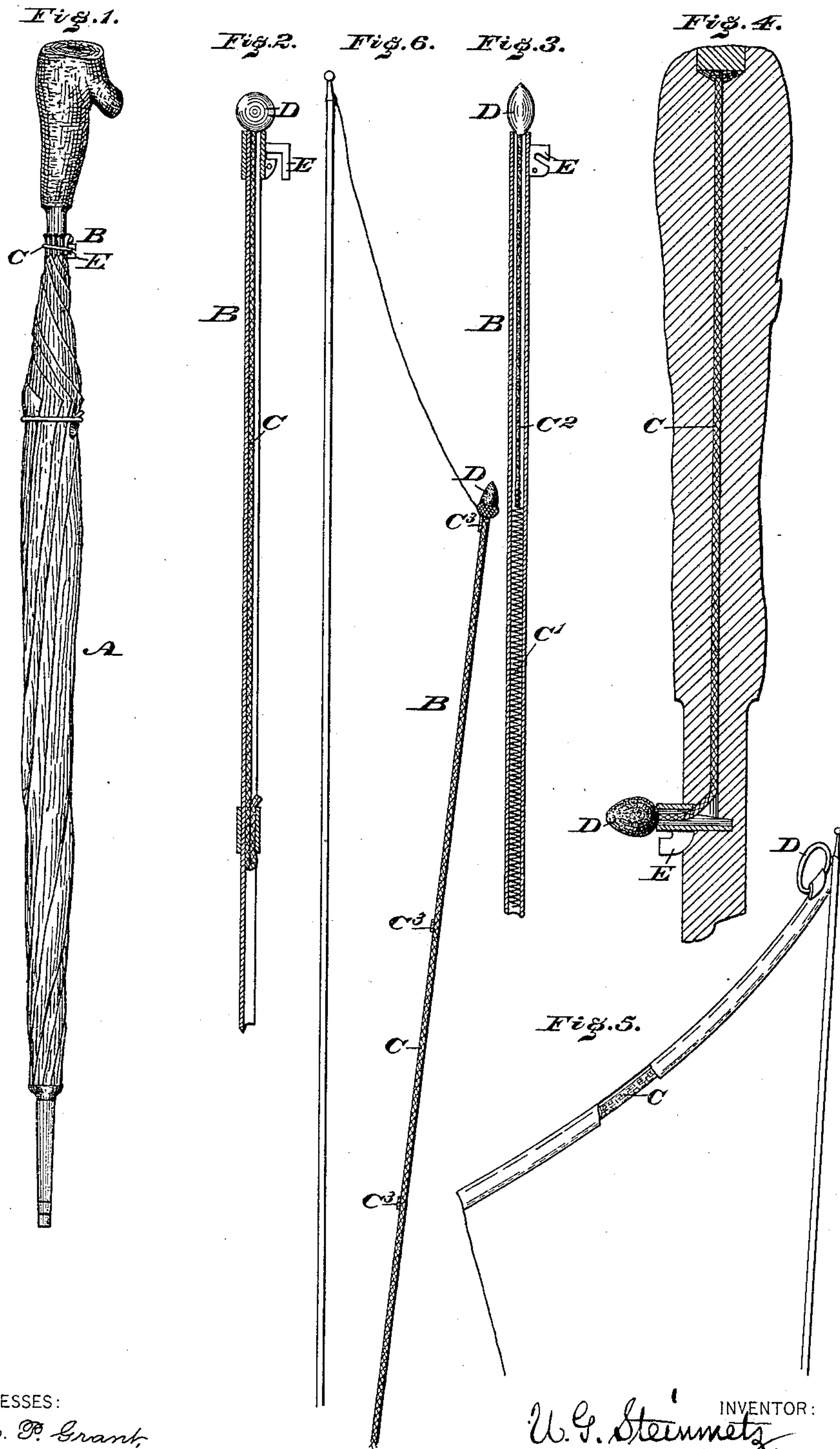


(No Model.)

U. G. STEINMETZ.
UMBRELLA.

No. 354,027.

Patented Dec. 7, 1886.



WITNESSES:

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UMBRELLA.

SPECIFICATION forming part of Letters Patent No. 354,027, dated December 7, 1886.

Application filed January 30, 1886. Serial No. 190,321. (No model.)

To all whom it may concern:

Be it known that I, URIAH G. STEINMETZ, 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 Umbrellas, which improvement is fully set forth in the following specification and accompanying drawings, in which—

Figure 1 represents a side elevation of an umbrella embodying my invention. Fig. 2 represents a section of a detached portion thereof. Figs. 3 and 4 represent sections of modifications thereof. Figs. 5 and 6 represent modifications.

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

My invention consists of a novel tip-fastener for an umbrella, so constructed that the main portion of the same is concealed when not in use and prevented from dangling.

Referring to the drawings, A represents an umbrella, which, excepting the feature of my invention, is of usual construction.

B represents the fastener for the tip of the umbrella, the same being formed of a piece of elastic cord, C, which in Fig. 1 is inserted in one of the ribs of the umbrella and secured at its inner end to said rib. The outer end of the cord is provided with a button, D, whereby it may be grasped and prevented from improperly entering said rib, it being evident that the rib is hollow. At the tip end of the rib is a hook, notch, or catch, E, for engagement of the button D when the fastener is in use, as seen in Fig. 1.

In Fig. 3 the cord is shown as formed partly of a coiled spring, C', and a piece of inelastic or elastic cord, C², secured thereto, and the catch E being somewhat different in form.

In Fig. 4 the cord is shown as inserted in the handle of the umbrella, said handle being hollow and having the catch E at the side near the upper end, the button of the cord being connected with the same adjacent to the catch.

In Fig. 5 the cord is shown as inserted in a hem of the skirt or cover of the umbrella. In Fig. 6 the skirt or cover of the umbrella is shown as formed with a number of loops or guides, C³, into which the cord C is fitted.

It will be seen that when the umbrella is

folded the tip of the same is fastened by withdrawing the cord C, the same yielding or stretching, and running it around the umbrella and securing the button D on the catch E, the cord thus being held securely in position and clasping the tip of the umbrella, whereby the latter is prevented from opening.

When the umbrella is to be opened, the button D is released from the catch E, and the cord quickly returns to its normal position, entering the chamber adapted to receive the same, said chamber being in the rib, handle, hem, or cover of the umbrella, as hereinbefore specified, or any other part of the umbrella.

It will be seen that the cord is fully contained in the chamber, the knob or handle remaining outside of the same, ready for future service, the cord being concealed and prevented from dangling when the umbrella is in use.

In Fig. 5 the ring or loop D attached to the cord may be fastened to a button which is secured to the umbrella, and in Fig. 6 the knob or button D may be turned on the cord when the latter is run around the umbrella, in which case the fastening is somewhat removed from the tip portion of the umbrella.

When the hollow rib is not required, I may employ a solid rib having a sleeve or guides attached thereto, the same serving to receive and hold the elastic cord.

It is evident that the fastener is equally applicable to parasols.

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

1. An umbrella provided with a chamber, and a fastener consisting of an elastic cord having one end secured within said chamber, and a catch to which said cord is attachable when passed around the umbrella in a folded condition, all substantially as described.

2. An umbrella formed with a chamber or pocket, and having a fastener consisting of an elastic cord adapted to be passed around the umbrella when folded and held thereon, and when the umbrella is unfolded or open to close into the same, substantially as described.

3. An umbrella provided with a chamber, and a fastener consisting of an elastic cord

adapted to fold into said chamber, and a catch for controlling said cord when the umbrella is folded and embraced by the cord, substantially as described.

- 5 4. An umbrella having a catch, a hollow rib, and an elastic cord, the latter having one end secured in said hollow rib and provided

at the other end with a button, substantially as described.

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Witnesses:

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