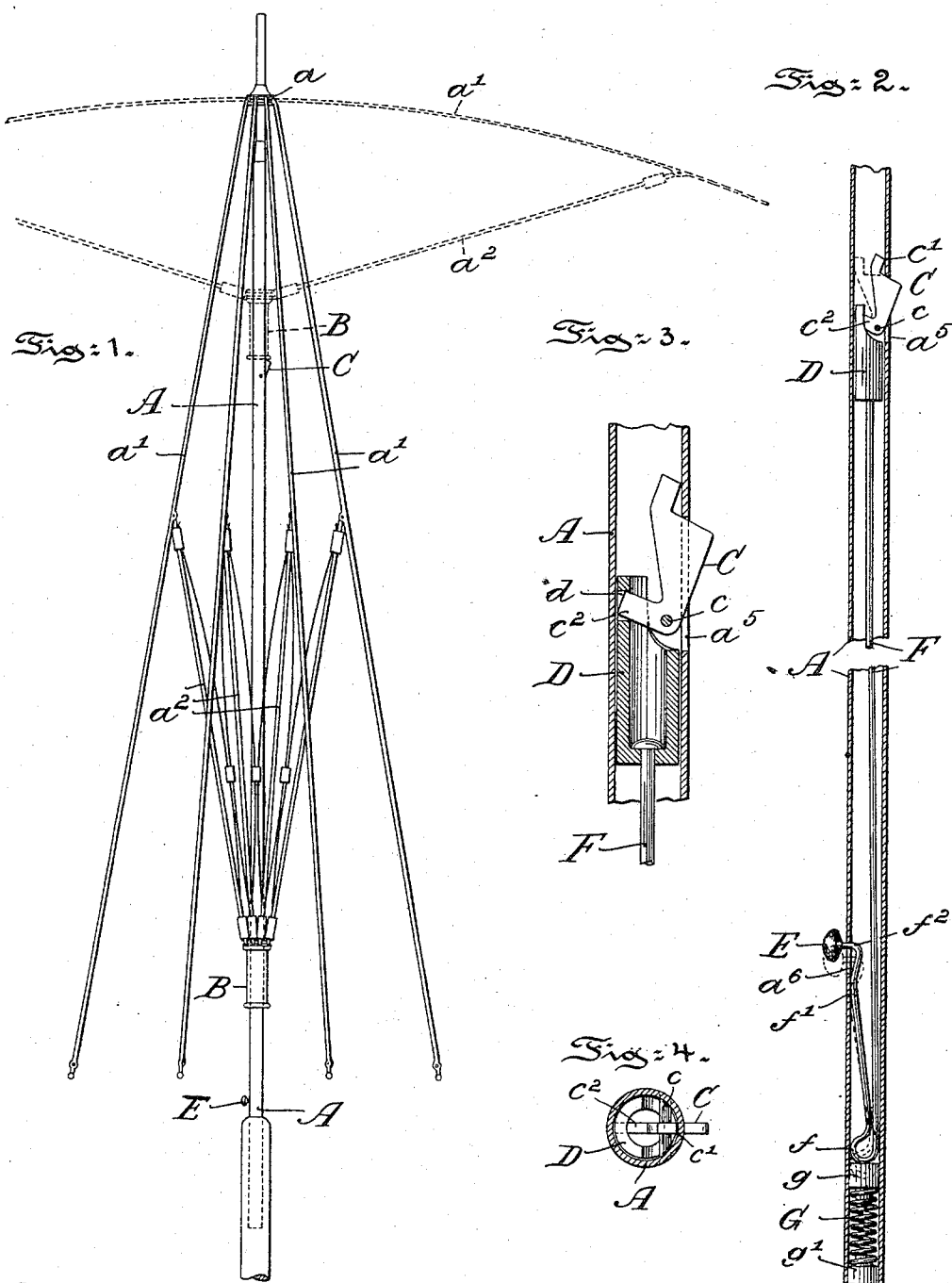


(No Model.)

J. ROSE.
UMBRELLA OR PARASOL.

No. 579,607.

Patented Mar. 30, 1897.



Witnesses:
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UNITED STATES PATENT OFFICE.

JOHN ROSE, OF PHILADELPHIA, PENNSYLVANIA.

UMBRELLA OR PARASOL.

SPECIFICATION forming part of Letters Patent No. 579,607, dated March 30, 1897.

Application filed January 21, 1897. Serial No. 620,038. (No model.)

To all whom it may concern:

Be it known that I, JOHN ROSE, a citizen of the United States, residing at the city of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Umbrellas or Parasols, of which the following is a specification.

My invention has relation to an umbrella or parasol of the class which when in open position is adapted to be retracted or closed by the manipulation of means concealed within the stick or rod and operated by a button or the like, and in such connection it relates to the particular means and mode of operation of the same for controlling the closing of an umbrella or parasol.

The principal objects of my invention are, first, to provide an umbrella or parasol which is adapted to be opened out by hand by the sliding of the sleeve or runner of the stretchers controlling the movement of the ribs into engagement with a retainer set into the stick or rod and controlled by means concealed within the stick or rod through a button, whereby the umbrella or parasol may be readily brought into a closed condition by the manipulation of the button to cause the retainer to release the stretcher-runner, and, second, to provide an umbrella or parasol with a reciprocatory runner-retainer actuated by a rod provided with an operating-button and held normally under spring tension to support the runner in engagement with said retainer when brought there by a manual operation of the runner on the stick or rod and thereby to cause the umbrella or parasol to assume an open position for use, and by the manipulation of the said button or the like the rod to release the retainer held under the tension of said spring to cause the umbrella or parasol to assume a closed condition or position.

My invention, stated in general terms, consists of an umbrella or parasol constructed and arranged in substantially the manner hereinafter described and claimed.

The nature and characteristic features of my invention will be more fully understood from the following description taken in con-

nection with the accompanying drawings, forming part hereof, in which—

Figure 1 is an elevational view of an umbrella or parasol partly in a closed condition, showing a stick or rod with concealed means for controlling the closing of the same by the manipulation of a button or the like, embodying main features of my invention, and also showing in dotted lines the open position of the umbrella or parasol with the runner thereof in engagement with the pivotal retainer of the stick or rod. Fig. 2 is a vertical sectional view of an umbrella or parasol stick or rod, showing the runner-retainer in normally operative position therein and projecting from said stick or rod and its operating means concealed within said stick or rod and actuated by a button or the like. Fig. 3 is an enlarged central sectional view of the stick or rod and the runner-retainer pivoted thereto and a portion in broken section of the operating mechanism thereof, and Fig. 4 is a transverse sectional view of the projecting runner-retainer and its connections within the stick or rod.

Referring to the drawings, A is the hollow metal stick or rod, provided with a notched ring *a* at the lower portion of the same, with which pivotally engage in any preferred manner the ribs *a'*.

*a*² are the stretchers pivoted to said ribs and to a sleeve or runner B. The stick or rod A is slotted or slitted at the lower portion at *a*⁵ for the insertion of a runner-retaining device C, pivoted at *c* to the stick or rod. This retaining device C is provided in front with a recessed tongue or lug adapted to normally bear at a point *c'* against the inner surface of the rod or stick A, and at the rear portion of the device is provided an angular projecting arm *c*², adapted to enter a slot *d*, formed in a recessed and hollowed-out tube D, which is adapted to freely slide within the tubular stick or rod A, as clearly illustrated in Figs. 2 and 3 of the drawings. The retainer as so arranged in pivotal connection with the stick or rod A is afforded a bell-crank action or movement to release the umbrella-stretcher runner from the retainer by means of a button E, which is adapted to be shifted in a slit

or slot a^6 in the upper portion of the rod A in connection with a rod or stiff wire F, extending rearwardly from the tube D. This wire, as illustrated, terminates in a loop f , and is bent upward therefrom at f' at an acute angle, so as to bear normally against the inner surface of the stick or rod A, and thence downward at f^2 , and then vertically through the slit a^6 of the stick to and with the button or the like E. The loop of the stiff wire or rod F rests normally against a seat, washer, or stud g , having a coiled spring G in the rear thereof and engaging a plug washer or seat g' , inserted into the stick or rod A, as clearly illustrated in Fig. 2, thereby through pressure exerted against the button E the washer-seat or stud g is moved rearwardly under the tension of the spring G, as indicated in dotted lines in Fig. 2, and the retainer at the same time is caused to assume within the stick or rod A the position indicated in dotted lines in said Fig. 2, thereby releasing the runner B from the retainer C and permitting the umbrella or parasol to assume a closed position, or such a condition as to be readily closed, for example, as illustrated in Fig. 1 of the drawings.

Having thus described the nature and objects of my invention, what I claim as new, and desire to secure by Letters Patent, is— 30

An umbrella or parasol provided with a runner, a hollow stick having a retainer pivoted thereto and extending through a slit of said stick, said retainer having at one end a lug normally engaging the interior surface of said stick and the other end of said retainer provided with a projecting arm, a slidable tube mounted in said stick and engaged by the arm of said retainer, a wire or rod connected with said slidable tube at one end and at the other end normally engaging a spring-cushion, said wire or rod formed into an extension within said stick and extending through another slit of said stick and provided at the end with a button, substantially as and for the purposes described. 45

In testimony whereof I have hereunto set my signature in the presence of two subscribing witnesses.

JOHN ROSE.

Witnesses:

J. WALTER DOUGLASS,
THOMAS M. SMITH.