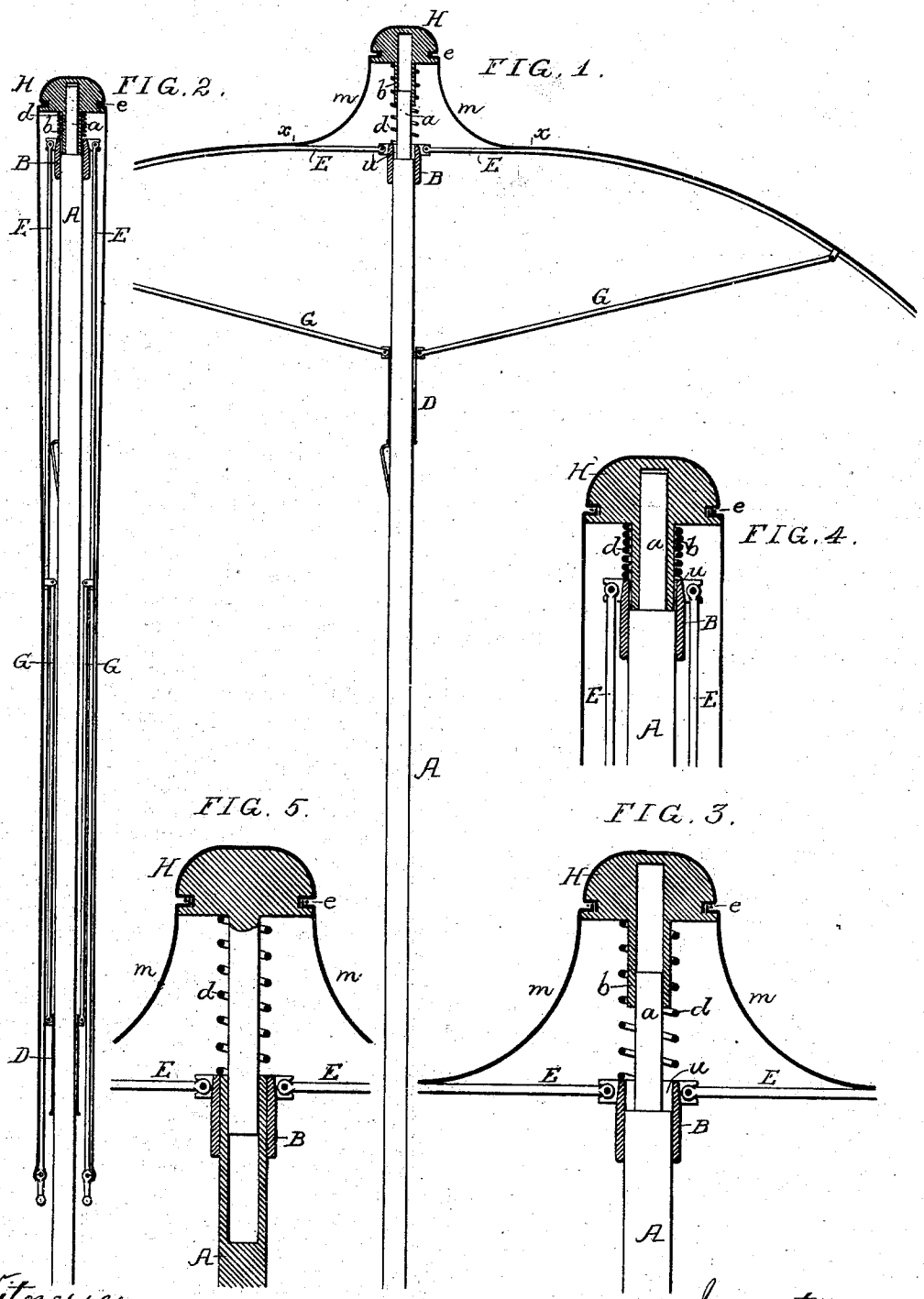
(No Model.)

E. WRIGHT.

Parasol.

No. 239,911. Patented April 5, 1881.



Witnesses:
D. Williams.
James F. Tobin.

Inventor.
Edmund Wright.
by his Attorneys
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UNITED STATES PATENT OFFICE.

EDMUND WRIGHT, OF PHILADELPHIA, PENNSYLVANIA.

PARASOL.

SPECIFICATION forming part of Letters Patent No. 239,911, dated April 5, 1881.

Application filed November 11 1880. (No model.)

To all whom it may concern:

Be it known that I, EDMUND WRIGHT, a citizen of the United States, residing in Philadelphia, Pennsylvania, have invented an Improvement in Parasols, of which the following is a specification.

My invention relates to an improvement in that class of parasols in which an external central projection is made by part of the covering fabric when the parasol is open; and my improvement consists in combining with the stick and notch of the parasol a stud, to which the fabric is attached, and which is arranged to slide on or in the stick, and is controlled by a spring, all as described hereinafter, the main object of my invention being to avoid the necessity of passing the stick through the said central projection.

In the accompanying drawings, Figure 1 is a vertical section of an opened parasol with my improvement; Fig. 2, the same showing the parasol closed; Figs. 3 and 4, views, drawn to an enlarged scale, of that portion of the parasol to which my improvements relate; and Fig. 5 a modification of my invention.

A is the stick of the parasol; B, the notch, permanently secured to the stick; D, the runner; E, the ribs, and G the stretchers.

As shown in Figs. 1, 2, 3, and 4, a portion, *a*, of the stick is reduced in diameter, and on this portion is arranged to slide a stud or button, H, having a tubular stem, *b*, contained within a spiral spring, *d*, which intervenes between the stud and the top of the notch B, and which tends to force the former upward to the position, Fig. 3.

The covering fabric is stretched to the ribs as usual, and is secured to the stud at *e*, from which point to the point *x* the fabric is free from the ribs, so that when the parasol is open, as in Fig. 1, the action of the spring on the stud causes the loose fabric to assume the form shown in that figure, the stud at the same time being steadily retained laterally by the stick.

In closing the parasol there will be a tension on the loose portion of the cover fabric, and this will induce the stud to yield, compress the spring, and slide down the reduced portion of the stick until the parasol is entirely closed, when the stud will be in the position, Fig. 4.

It will be noticed that the notch is so secured to the stick in relation to the reduced portion of the same that there will be an annular recess, *u*, within the upper portion of the notch. The deeper this recess is the longer will be the reduced portion *a* of the stick, which constitutes the guide for the stud, and the longer the guide the more steadily will the stud be maintained on the stick laterally.

It will be seen that the stick terminates within the stud, instead of projecting beyond the covering fabric, as in other parasols of the class to which my invention relates.

The stud may consist of wood turned to the shape shown or to any other shape which may be desired, and may be covered with any appropriate fabric, or the stud may be made of ivory, bone, hard rubber, or other material.

In the modification shown in Fig. 5 a projection on the stud is arranged to slide in an orifice in the stick, which terminates at the notch.

I am aware that a ring arranged to slide on the stick of a parasol and attached to the cover has been combined with a spring for taking up the slack of the cover in the middle when the parasol is opened. This, therefore, I do not claim; but

I claim as my invention—

The combination, in a parasol, of the stick A, notch B, and spring *d*, with a stud, H, attached to the cover *m*, closed at the top, and having a projection adapted to slide in or on the said stick, all substantially as set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

EDMUND WRIGHT.

Witnesses:
JAMES F. TOBIN,
HARRY SMITH.