(No Model.)

# J. T. SMITH.

## UMBRELLA OR PARASOL.

No. 457,228. Patented Aug. 4, 1891.

Fig. 1.

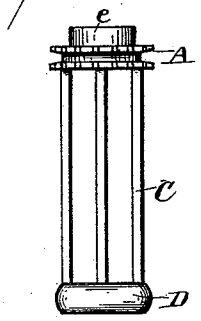
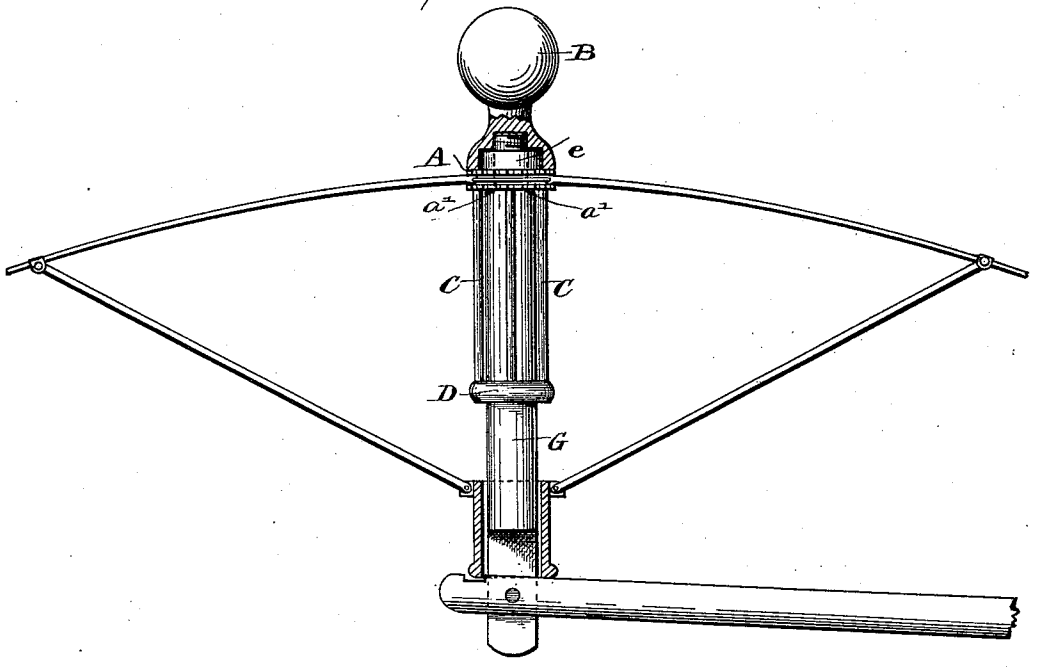



Fig. 2.




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# UNITED STATES PATENT OFFICE.

JAMES THOMAS SMITH, OF NEW YORK, N. Y.

## UMBRELLA OR PARASOL.

SPECIFICATION forming part of Letters Patent No. 457,228, dated August 4, 1891.

Application filed December 13, 1890. Serial No. 374,612. (No model.)

*To all whom it may concern:*

Be it known that I, JAMES THOMAS SMITH, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Parasols and Umbrellas; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to improvements in parasols and umbrellas, and particularly to parasols for children's carriages; and it consists of a novel construction of top notch, to which is connected an open frame-work and ring-stop, as hereinafter described and claimed, to be employed in connection with a standard and a screw-cap.

The objects of my improvements are to simplify and lessen the cost of construction of the parts, and at the same time render them most efficient for the purpose for which they are especially adapted.

My invention is illustrated in the accompanying drawings, in which—

Figure 1 is a detail view in elevation of my combined notch and ring-stop; Fig. 2, a side elevation, partly in section, showing my improvement applied to the frame of a parasol.

Referring to the drawings, A is the top notch, to which is secured the ribs. It will be noticed that this notch has no flange or shoulder within it, but that its bore is perfectly smooth, and that it is not secured to the standard or stick, but, on the contrary, the upper screw-threaded end of the standard passes loosely through the same, and that the notch rests on a shoulder $a'$ of the standard, where it is held by the clamping action of the cap B, which is screwed onto the end of the standard until said cap either comes in contact with top of notch or with the upper puff-extension $e$, when the latter is employed. The puff is a circular disk of fabric with a hole through its center, which is placed on the extension $e$ of the notch and between it and the cap to prevent the wear of the cap upon that part of the cover of the parasol or umbrella secured over the top of the notch.

The notch A is provided with wires $c$, or they may be thin narrow straps, to the lower end of which is secured a ring-stop D. The notch, its puff-extension, open frame-work, and ring-stop thus constitutes a single article, which may be otherwise described as a combined top notch and ring-stop with strap connection.

The function of the ring D is to act as a stop for the runner G when the latter is slid upon the standard. This runner may be of ordinary character, carrying a notch to receive the stretchers, and may be cut to engage with a spring-catch on the standard or uncut when no such catch is desired to be used.

My improvements are adapted to use with a standard made in two parts connected by rule-joint, as shown in Fig. 2.

To put the parts in place the standard is put through the runner, through the stop-ring, and through the top notch, until its shoulder $a'$ comes in contact with the bottom of the top notch, when its screw-threaded end will extend above the same, and the cap B is applied. When the standard is in place and it is desired to spread the parasol, the runner is pushed up until its upper end comes in contact with the stop-ring and its lower end raised above the rule-joint. The upper end of the standard is then turned up vertically and the runner is allowed to descend until its lower end rests in the end of the long portion of the standard or in notches, with which said long portion may be provided. When it is desired to lower the parasol, the runner is again pushed up against the ring-stop, so as to uncover the joint, when the shorter portion of the standard is turned on a line with the longer portion and runner pulled down.

Having thus described my invention, what I claim is—

A single and integral article of manufacture consisting of a top notch having a smooth interior without flange or shoulder and provided with a tubular extension above the notch for the reception of a puff, a ring-stop below the notch, and straps connecting said notch and stop, in combination with a standard screw-threaded at its upper end and pro-

vided with a shoulder on which the said notch rests, and an internally-screw-threaded cap to engage with the said standard above the puff, whereby the notch is not secured to the rod or standard, but held by the clamping action of the cap on the puff-extension, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

JAMES THOMAS SMITH.

Witnesses:
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