

(No Model.)

J. McCORMICK.
UMBRELLA.

No. 421,419.

Patented Feb. 18, 1890.

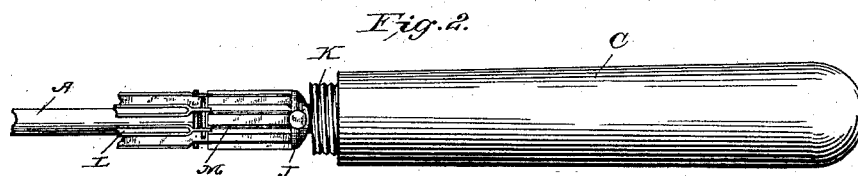
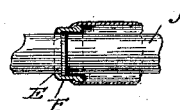


Fig. 3.



Fig. 4.



Witnesses:

Harry S. Rohrer.

Geo. H. Lamar.

Inventor

John W. McCormick

By his Attorney

Wiles & Greene

UNITED STATES PATENT OFFICE.

JOHN McCORMICK, OF WASHINGTON, DISTRICT OF COLUMBIA, ASSIGNOR TO
THE McCORMICK CANE-UMBRELLA COMPANY, OF SAME PLACE.

UMBRELLA.

SPECIFICATION forming part of Letters Patent No. 421,419, dated February 18, 1890.

Application filed April 24, 1888. Serial No. 271,750. (No model.)

To all whom it may concern:

Be it known that I, JOHN McCORMICK, a resident of Washington, District of Columbia, have invented certain new and useful improvements in 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 pertains to make and use the same.

The invention is shown in the accompanying drawings, in which—

Figure 1 shows a folded umbrella provided with my devices, a small portion of the case being broken away. Fig. 2 is an enlarged view of the handle and adjacent parts of the frame. Figs. 3 and 4 are views, partly in section, showing the manner of securing the ends of the case.

In these views, A is an umbrella shaft or stick, to which are secured a handle C and a tip B, and also a cloth-carrying frame, for which no novelty is herein claimed. Below the usual point of attachment of the frame the stick bears a projection E, Fig. 4, and above the ends of the frame, when folded, a screw-threaded enlargement K, that may conveniently be formed integrally with the handle, as shown.

G is a case to be passed over the folded frame and cloth. It bears at its lower end a ring F, that slides freely upward over the tip until it meets the projection E, which it cannot pass. The upper end of the case is secured to a ring H, that passes readily over the body of the umbrella, and to this ring is swiveled a ring I, internally threaded to engage the threaded enlargement K. Now evi-

dently, if the case be of proper length, it will be strained longitudinally as the ring I advances upon the part K. The case may be elastic—as, for example, of woven fabric or of rubber—and its surface may imitate in color and irregularity the various materials used for canes. In any case the tendency is to avoid all appearance of looseness, and to produce a general uniform taper of the case from the upper ring to the lower.

What I claim is—

1. In an umbrella, the combination, with a shaft having a fixed stop near its lower end and a screw-threaded enlargement upon its upper portion, of an extensible case provided at its lower end with a ring adapted to pass over the tip of the shaft and to be arrested by said stop, and at its upper end with a screw-threaded ring adapted to engage said enlargement, substantially as and for the purpose set forth.

2. The combination of the shaft A, provided with the stop E and the screw-threaded enlargement K, the extensible case G, the ring F at the lower end of said case, the ring H at the upper end of the case, and the internally-screw-threaded ring I, swiveled to the ring H and adapted to engage said enlargement, substantially as set forth.

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

JOHN McCORMICK.

Witnesses:

HARRY S. ROHRER,
C. F. SAVAGE.