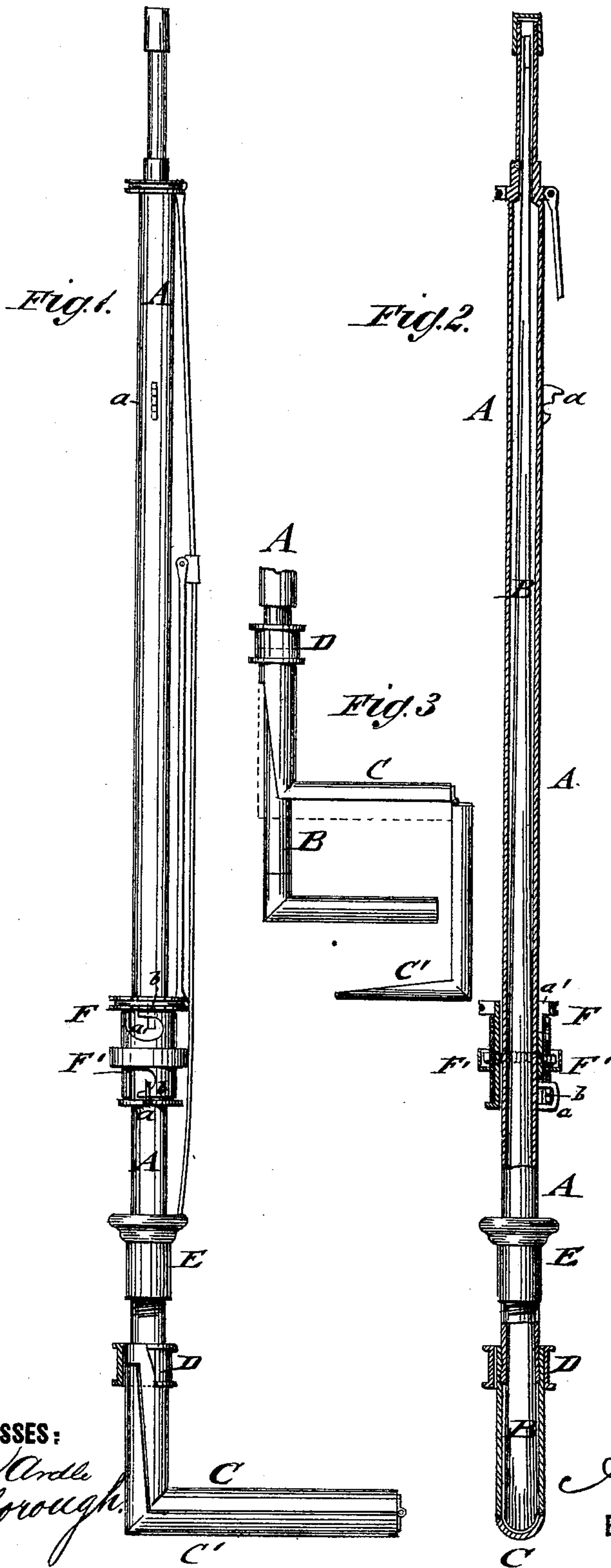


A. MUNGLE.  
Combined Cane and Umbrella.

No. 196,592

Patented Oct. 30, 1877.



WITNESSES:  
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# UNITED STATES PATENT OFFICE.

ALEXANDER MUNGLE, OF NEWARK, NEW JERSEY.

## IMPROVEMENT IN COMBINED CANE AND UMBRELLA.

Specification forming part of Letters Patent No. **196,592**, dated October 30, 1877; application filed September 22, 1877.

*To all whom it may concern:*

Be it known that I, ALEXANDER MUNGLE, of Newark, in the county of Essex and State of New Jersey, have invented a new and Improved Combined Cane and Umbrella, of which the following is a specification:

In the accompanying drawings, Figure 1 represents a side elevation of my improved cane and umbrella combined; Fig. 2, a vertical central section of the same; and Fig. 3, a side view of the umbrella handle, shown in open position for taking out the cane.

Similar letters of reference indicate corresponding parts.

This invention is intended to furnish an improved combination of umbrella and cane, for traveling and other purposes, by which the cane may be stored and carried, in neat and compact manner, in the umbrella-stick, and readily taken out for use.

The invention consists of a tubular umbrella-stick, into which the cane is inserted and retained by a hollow split handle, made of a fixed and hinged section, locked in suitable manner. The runner is locked to recessed or perforated catches of the stick by an axially-turning spring-sleeve.

Referring to the drawing, A represents the tubular stick of the umbrella, which is made of suitable sheet metal or other material, so as to provide an interior storage-space for the cane B. The stick is provided with a split handle, C, of any suitable shape corresponding to the shape of the handle of the cane. The split handle C is made of a fixed section connected rigidly to the stick, and of a movable section, C', that is hinged to the side or end of the fixed section, and retained firmly in closed position on the fixed handle-section by a ferrule or other device, D, that slides over the same, or is secured in other equivalent manner thereto. By removing the ferrule, the split handle may be opened and the cane taken out of its storage-receptacle in the hollow stick, so as to be used independently of the umbrella, being returned into the same when it is desired to carry them together, in traveling or for other purposes.

The tip-cup E screws up or down on a thread of the stick, so as to release or retain the tips.

In place of the screw tip-cup, a spring-cup or any other approved construction of tip-cup may be used.

As the tubular stick does not allow of the use of the customary wire springs for supporting the runner F in the opened or closed position of the umbrella, the stick A is provided with recessed or perforated catches *a* at points near the handle, and near the lower end of the stick, while the runner F has recesses *a'* at the upper and lower edges, and an axially-turning and spring-acted sleeve, F', that enters, by means of tongues or hooks *b*, into the catches *a*, so as to lock the runner rigidly into position thereon, the catches and locking-sleeve taking the place of the common runner-locking springs.

In this manner a simple, neat, and compact arrangement for storing the cane in the umbrella is furnished, by which the cost of the umbrella is but slightly increased, and either cane or umbrella used independently of each other, or carried jointly in convenient manner, as desired.

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

1. In a cane and umbrella combined, the combination of a tubular umbrella-stick, having split handle, with a cane stored at the interior of stick and handle, substantially in the manner set forth.

2. As an improvement in cane and umbrella combined, the tubular stick, having a split handle, formed of a fixed and a movable section and a suitable closing device, in combination with a cane stored at the interior of stick and handle, substantially as and for the purpose specified.

3. The combination of a tubular umbrella-stick, having a split handle made of fixed and hinged sections, and sliding ferrule, with a cane stored at the interior of the stick and split handle, substantially as described.

ALEXANDER MUNGLE.

Witnesses:

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