

C. C. CLAY.

COMBINED TIP-CUP AND DRIP-CUP FOR UMBRELLAS.
No. 188,857. Patented March 27, 1877.

Fig 2.

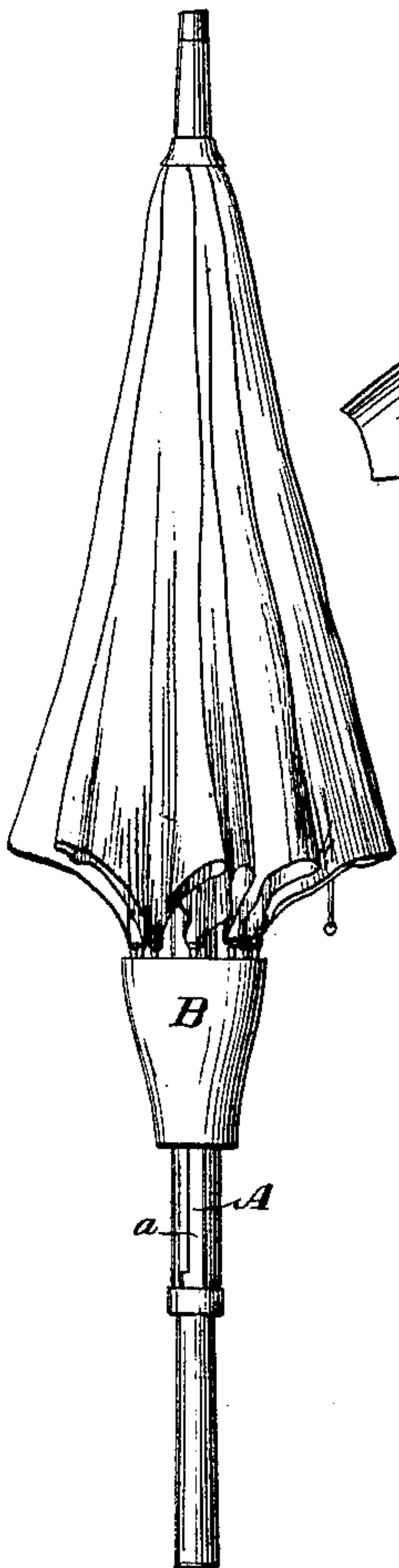


Fig 1.

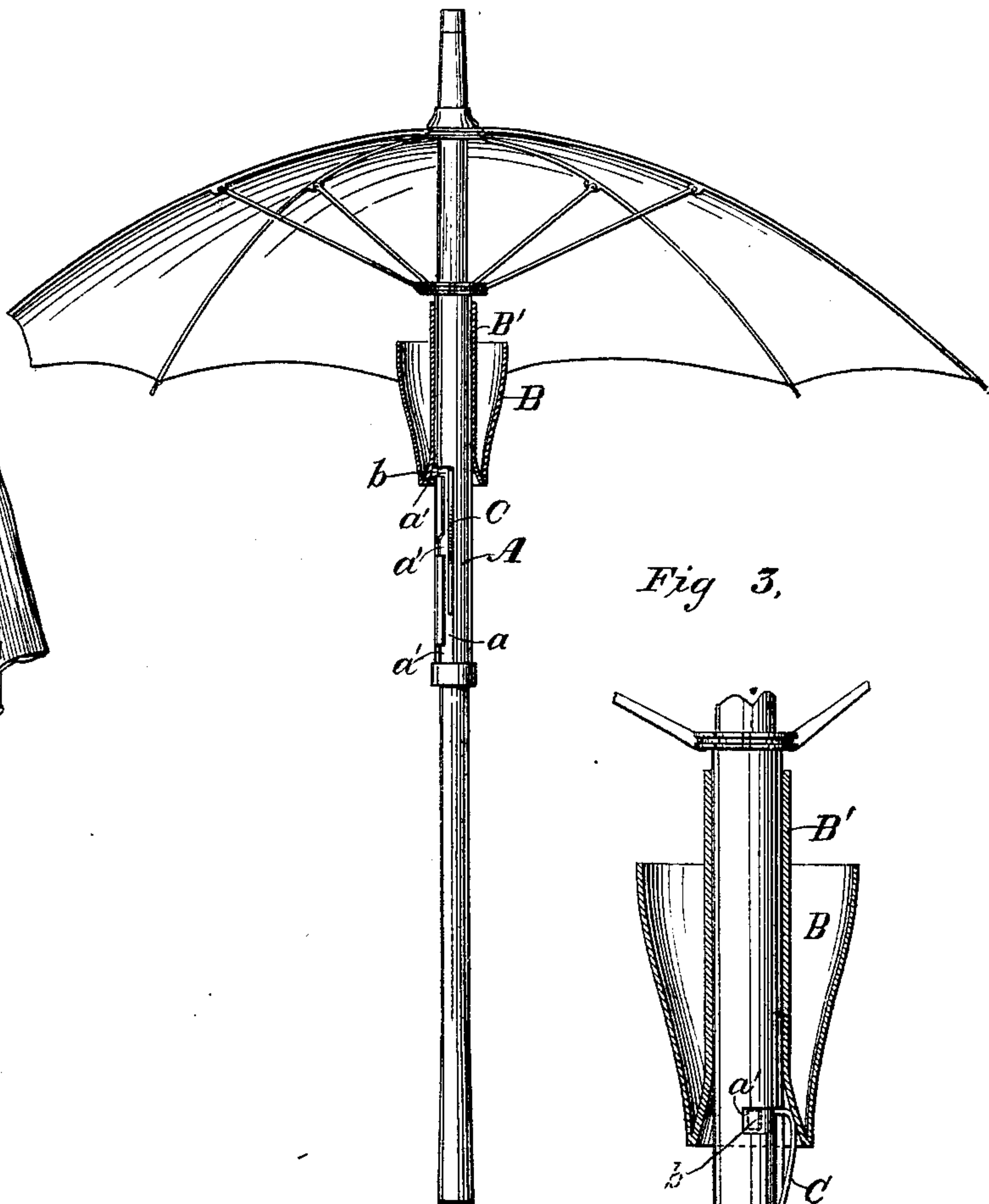
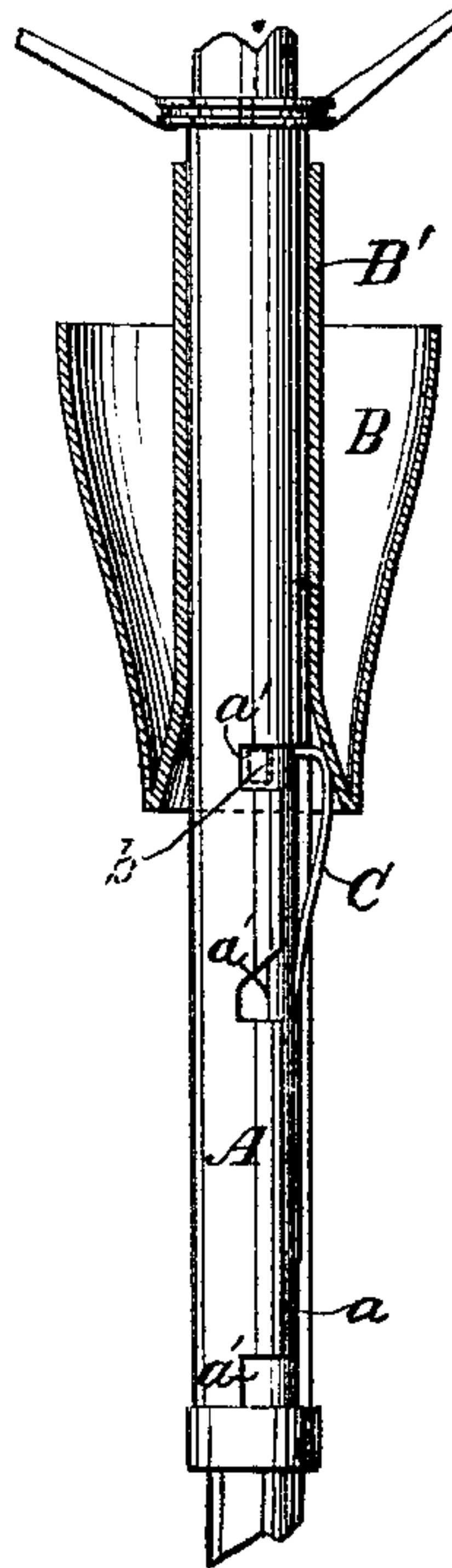


Fig 3.



WITNESSES

Clarence Poole
Wm A. Skinkle

INVENTOR

Cyrus C Clay.

By his Attorneys,
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Fig 4.

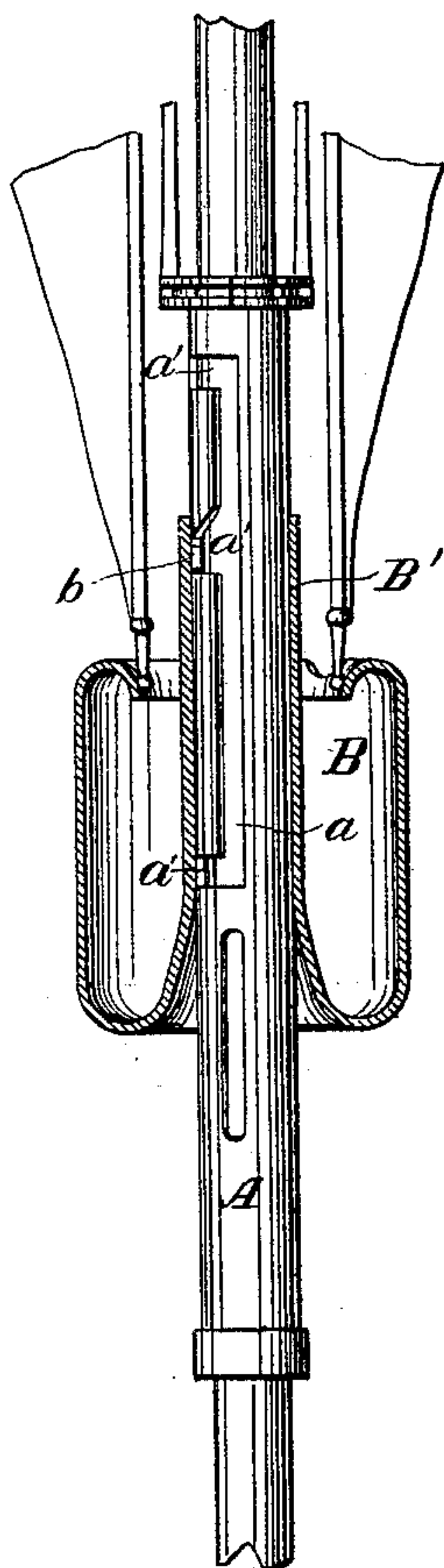
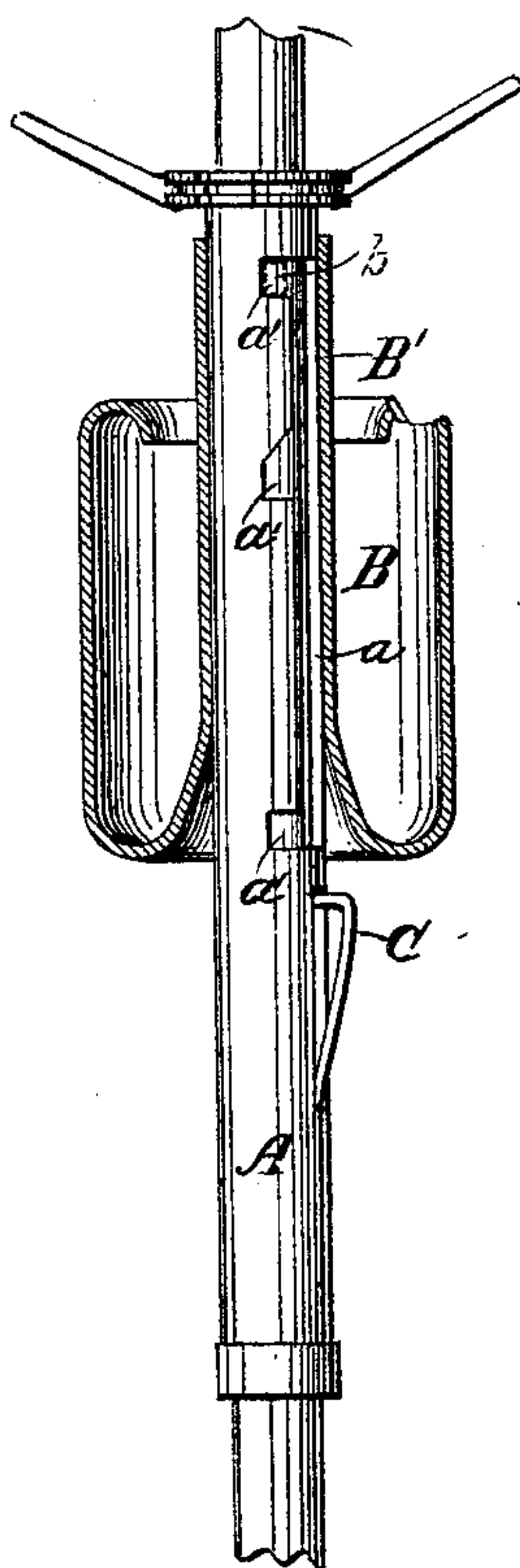


Fig 5.



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UNITED STATES PATENT OFFICE.

CYRUS C. CLAY, OF FACTORYVILLE, ASSIGNOR TO ISAAC F. TILLINGHAST,
OF LA PLUME, PENNSYLVANIA.

IMPROVEMENT IN COMBINED TIP-CUP AND DRIP-CUP FOR UMBRELLAS.

Specification forming part of Letters Patent No. 188,857, dated March 27, 1877; application filed
December 13, 1876.

To all whom it may concern :

Be it known that I, CYRUS C. CLAY, of Factoryville, in the county of Wyoming and State of Pennsylvania, have invented certain new and useful Improvements in Drip-Cups and Tip-Holders for Umbrellas, of which the following is a specification :

My invention relates to a combined drip-cup and umbrella-tip holder. Its objects and the subject-matter claimed will hereinafter specifically be designated.

In the accompanying drawings, which represent my improvements as embodied in the best ways now known to me, Figure 1 is a sectional view of the drip-cup, the umbrella to which it is applied being shown as in an open position; Fig. 2, a view in elevation, the umbrella being closed; and Fig. 3, a similar section to Fig. 1, on an enlarged scale. Figs. 4 and 5 are sectional views of a modification of the invention.

My improvements are shown as applied to an umbrella of the ordinary construction.

The runner A is made somewhat longer than usual, and is provided with a longitudinal slot, *a*, in one wall of which are cut notches *a'*. A cup, B, provided with a central tubular portion, B', is mounted upon and moves freely endwise on this runner, its tubular portion fitting it snugly. A stud, *b*, on the tubular portion of the cup, works in the slot *a* of the runner, which slot, in this instance, is also the one in which the usual locking-catch C engages, and the stud is also adapted to engage in the notches *a'* in the wall of the slot to lock the cup and runner together.

When an umbrella with my improvements applied thereto is in a closed position, as in Fig. 2, and it is desired to open it, the cup is released from the tips by turning it slightly to disengage its stud from the second notch in the runner, and is then drawn downward and turned so as to lock with the lower notch. The cup is then pushed up, carrying the runner with it, to open the umbrella, the runner being locked in its raised position by the spring-latch C. To prevent the accidental dropping of the cup it is turned so as to engage its stud with the top locking-notch, as shown in Fig. 1.

It will thus be seen that the drip-cup and tip-holder, when the umbrella is open, is out of the way, and does not render the handle unsightly or cumbersome.

When the umbrella is to be closed, the cup is turned to disengage its lug from the notch and pulled downward, the incline or bell mouth of the tubular portion of the cup forcing in the spring-latch, thus releasing the runner and permitting it to be drawn down. The cup is then adjusted so that its outer wall surrounds the tips of the umbrella-ribs, (as shown in Fig. 2,) and is locked in position by its lug engaging in the second notch.

It will thus be seen that the cup acts as a tip-holder, and also as a drip-cup, when the umbrella is held in an upright position when closed, catching the water and preventing it from wetting the hand or person.

In Figs. 4 and 5 a cup is shown with its top edge flaring inwardly, a portion being cut away for convenience in emptying water when necessary. The locking-lug of the cup is also shown as located at the top instead of at the bottom, by which means the slot in which the lug works is hidden from sight by the cup. In this instance a separate slot is cut in the runner for the reception of the locking-latch.

I do not claim an umbrella-tip cup *per se*; nor do I claim the combination of a simple tip cup or holder with the runner; neither do I claim the combination, with an umbrella-runner, of a simple tip cup or holder and tube mounted upon the runner, and adjustable thereon by means of a lug working in a bayonet-slot; nor do I claim an umbrella-tip cup and its sleeve or ferrule having a bayonet-slot attached to or mounted upon the runner, which has a pin to engage with said slot, when arranged so that the ferrule or sleeve, when moved on the runner, shall operate on the retaining-spring which holds the umbrella-frame in an extended position, as all such combinations of devices are of a date prior to my invention. I am not aware, however, of any combined tip-holder and drip-cup mounted upon the runner prior to that herein described and claimed by me.

I claim as my invention—

1. A tip-holder and drip-cup mounted upon the runner of an umbrella, substantially as and for the purpose described.

2. The combination, substantially as set forth, of the umbrella-handle, the slotted and notched runner movable endwisethereon, and the combined drip-cup and tip-holder movable endwise on the runner, and having a

locking-lug engage in the slot thereof, for the purposes set forth.

In testimony whereof I have hereunto subscribed my name.

CYRUS C. CLAY.

Witnesses:

A. H. WINTON,
JOHN GUNSTER.