No. 807,493. PATENTED DEC. 19, 1905.

A. D. PHILLIPS.

DRUMSTICK.

APPLICATION FILED FEB. 9, 1905.

Fig. 1.

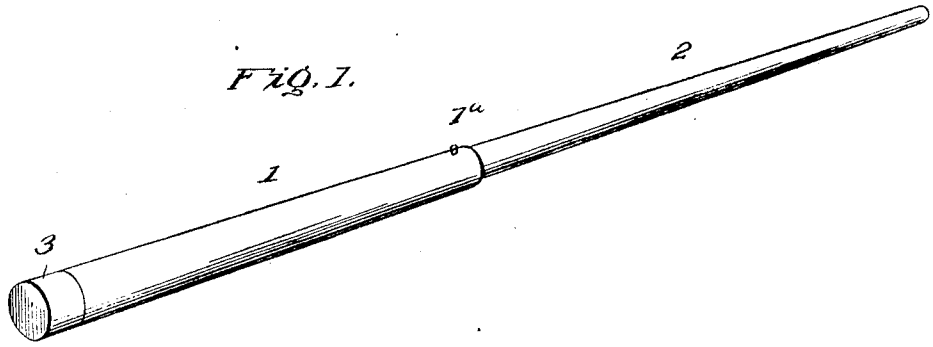


Fig. 2.

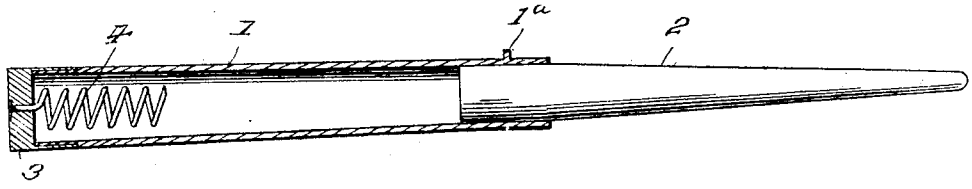


Fig. 3.

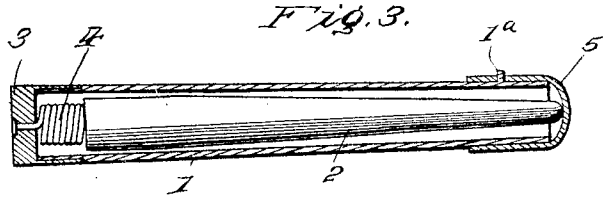
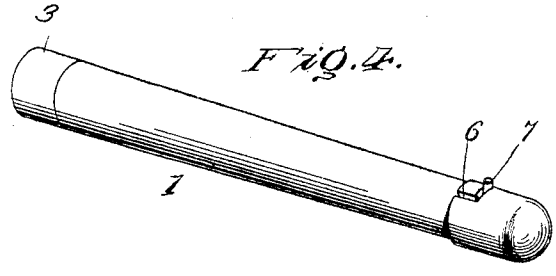


Fig. 4.



Witnesses

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UNITED STATES PATENT OFFICE.

ADDISON D. PHILLIPS, OF MANNINGTON, WEST VIRGINIA.

DRUMSTICK.

No. 807,493. Specification of Letters Patent. Patented Dec. 19, 1905.

Application filed February 9, 1905. Serial No. 244,962.

To all whom it may concern:

Be it known that I, ADDISON D. PHILLIPS, a citizen of the United States, residing at Mannington, in the county of Marion and State of West Virginia, have invented certain new and useful Improvements in Drumsticks, of which the following is a specification.

The object of this invention is to provide a drumstick which may be lengthened or shortened.

A disadvantage which causes no small inconvenience to drummers resides in the fact that the length of the ordinary drumstick is such that it does not admit of disposition in such a place as to obviate likelihood of loss or appropriation.

The design of this invention, as above premised, is to secure a drumstick possessing all of the qualities requisite to a device of this kind, yet adapted to occupy a comparatively small amount of space, so that it may be received in a pocket or like receptacle and not be likely to be stolen or lost.

For a full description of the invention and the merits thereof and also to acquire a knowledge of the details of construction of the means for effecting the result reference is to be had to the following description and accompanying drawings.

While the invention may be adapted to different forms and conditions by changes in the structure and minor details without departing from the spirit or essential features thereof, still the preferred embodiment thereof is shown in the accompanying drawings, in which—

Figure 1 is a perspective view of a drumstick embodying the invention. Fig. 2 is a vertical longitudinal sectional view. Fig. 3 is a longitudinal sectional view, the device being collapsed or shortened. Fig. 4 is a perspective view of the device when collapsed.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

In general conformation the stick is of the same shape as the wooden sticks at present in common use and comprises two sections, a tubular horizontal section 1 and a smaller striking-section 2, which contacts with the drum and tapers off to a point in the usual manner. The section 2 telescopes in the section 1 and is completely housed in the latter when the device is collapsed and out of use. The section 1 of the stick is preferably made of metal of suitable lightness and strength and is closed at one end and open at the opposite end. The closed end of the section 1 may be closed by a cap 3 or like removable part, and this cap 3 may be weighted in order to give balance to the stick when beating the drum. The tubular section 1 tapers toward its open end, as shown at 1^a, and the inner end of the section 2 is larger than the opening at the open end of said section 1, so that the section 2 cannot be entirely withdrawn from the section 1. In other words, the larger end of the section 2 is adapted to bind hard in the section 1 adjacent the open end thereof, and when in such position the striking-section of the stick is rigidly held in proper alinement with the section 1 and is adapted for service in the customary manner. Within the tubular section 1 and attached to the same in any suitable manner is located a coil-spring 4, the normal tendency of which is to expand and project the section 2 from the section 1. The inner end of the section 2, when the latter is disposed within the section 1, comes into contact with the end of the spring 4 and compresses said spring, as shown most clearly in Fig. 3 of the drawings. The section 2 is held within the section 1 when the device is collapsed by means of a cap 5, adapted to fit snugly over the reduced or tapered portion at the end 1^a of the section 1, said cap being provided in a side thereof with a bayonet-slot 6, coöperating with a nib or projection 7, extending from the section 1. The spring 4 is compressed and the cap 5 is disposed upon the section 1 and interlocked therewith by means of the pin-and-slot connection afforded by the parts 6 and 7. In this condition it will be seen that the drumstick is shortened considerably and preferably to at least half its extended length, and when thus collapsed the stick may be readily received by the pocket of the user and gives rise to advantages which will be readily apparent.

Preparatory to use of the stick the drummer detaches the cap 5 and immediately said cap is removed. The spring 4 projects the inner section 2 from the outer section 1, and said section 2 is grasped and pulled outwardly until the inner extremity thereof binds within the open end portion of the section 1, the two sections being thus rigidly positioned for all the purposes necessary in order to afford an effective means for the purposes desired.

Having thus described the invention, what is claimed as new is—

A drumstick composed of the tubular section 1 open at one end, the section 2 telescoping in the section 1, the spring 4 arranged in the section 1 and normally tending to project the section 2 from said section 1, and a cap fitted to the open end of the section 1 and cooperating with the section 2 to hold the latter in the section 1 against the tension of the spring aforesaid.

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

ADDISON D. PHILLIPS. [L. S.]

Witnesses:
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