A. COE.

EXTENSION STAFF AND CONTAINER FOR FLAGS.

APPLICATION FILED JULY 24, 1918.

1,305,885. Patented June 3, 1919.

Fig. 1.

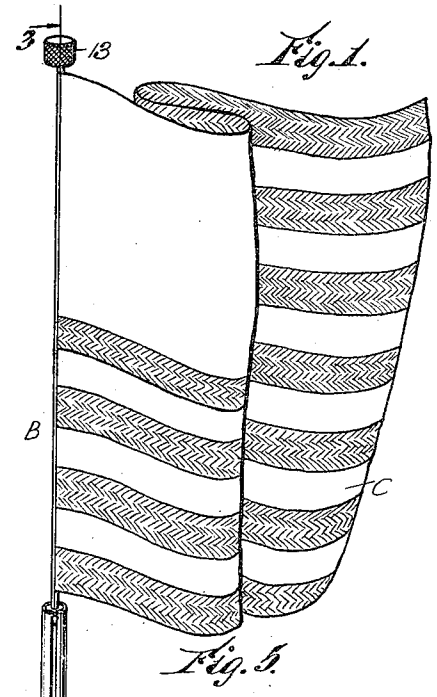


Fig. 2.

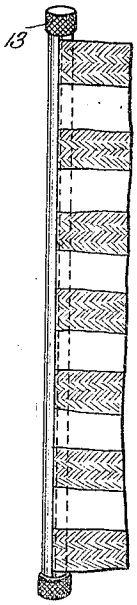


Fig. 3.

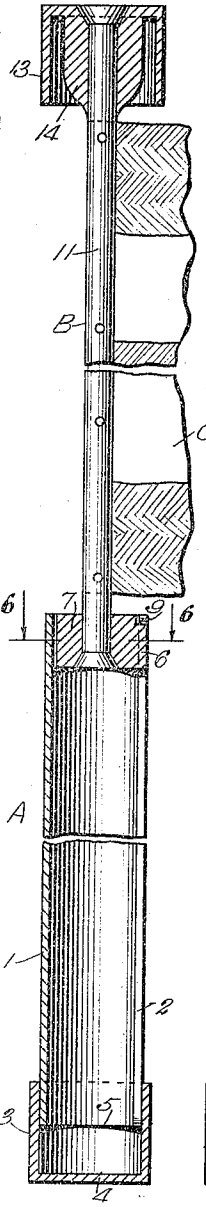


Fig. 4.

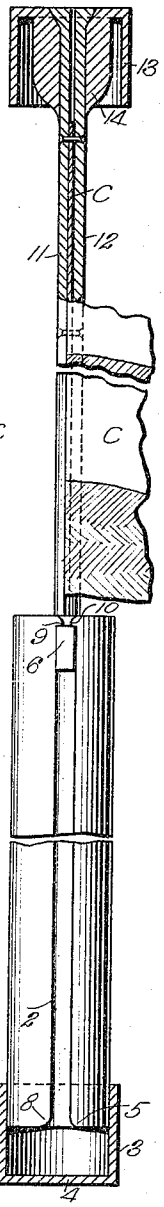


Fig. 5.

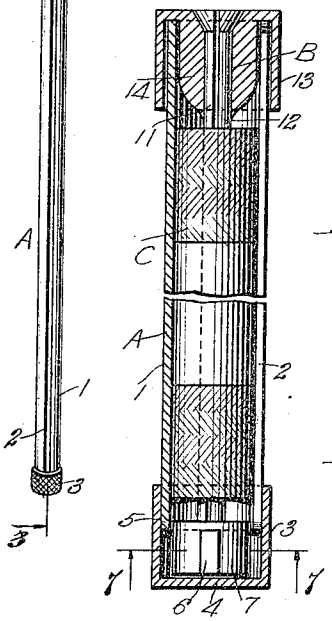


Fig. 6.

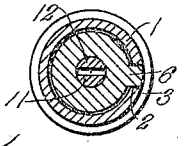


Fig. 7.

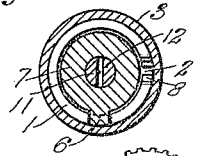
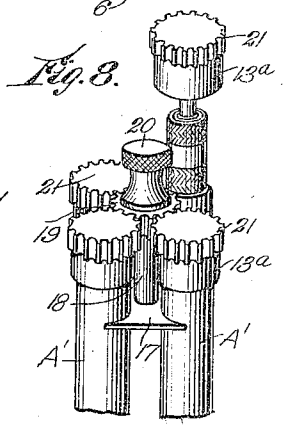


Fig. 8.



WITNESSES

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EXTENSION-STAFF AND CONTAINER FOR FLAGS.

1,305,885. Specification of Letters Patent. Patented June 3, 1919.

Application filed July 24, 1918. Serial No. 246,559.

To all whom it may concern:

Be it known that I, ADDISON COE, a citizen of the United States, and a resident of Jersey City, in the county of Hudson and State of New Jersey, have invented a new and Improved Extension-Staff and Container for Flags, of which the following is a full, clear, and exact description.

This invention relates to an extensible flag staff and container, and the invention has for its general objects to provide a structure which is novel, simple and inexpensive and so designed that it can be adapted as a pocket novelty, or can be used in large out of door flag staffs.

A more specific object of the invention is the provision of a flag staff, one portion of which is in the form of a container in which the flag-carrying section is moved so as to extend or collapse the staff, the construction being such that the flag can be wound within the container without the hands coming into contact with the cloth of the flag, which is desirable, as thereby dampening of the flag and making a permanent curl therein will be prevented.

With such and other objects in view, the invention comprises various novel features of construction and arrangement of parts which will be set forth with particularity in the following description and claims appended hereto.

In the accompanying drawing, which illustrates certain embodiments of the invention and wherein similar characters of reference indicate corresponding parts in all the views,

Figure 1 is a perspective view of the device with the flag unfurled;

Fig. 2 is a perspective view showing the flag as it is being wound;

Fig. 3 is an enlarged sectional view with portions broken away to illustrate the details of construction;

Fig. 4 is an enlarged view with portions in section, the section being taken at right-angles to that shown in Fig. 3;

Fig. 5 is a sectional view of the device when the flag is rolled and housed within the container;

Figs. 6 and 7 are sectional views respectively on the lines 6—6 and 7—7 Figs. 3 and 5; and

Fig. 8 is a perspective view of a multiple flag device.

Referring to the drawing, A designates the container section of the flag staff, and B the flag-carrying section. The section A is in the form of a tube 1 which has a longitudinal slot 2 through which the flag C is drawn during the winding operation. On the bottom of the tube is a closing cap 3 permanently fastened in place, and the bottom 4 of this cap, together with the bottom edge 5 of the tubular body 1, constitutes a recess in which is disposed the key 6 on the base block 7 of the section B, when said section is fully inserted in the container, as shown in Fig. 5. The corners 8 at the bottom of the slot 2 are rounded, as shown in Fig. 4, so as to facilitate the passage of the key 6 into the slot 2, as when pulling up the section B. The upper end of the slot 2 is contracted to form stop lugs 9 to limit the upward movement of the key 6, and the edges of the slot at its upper end are rounded as at 10 so as to form a guide groove for permitting the flag to pass into the slot when sliding the section B into the container A before winding up the flag.

The section B is in the form of a rod made in two parts 11 and 12, and between these parts is fastened the edge of the flag C. The block 7 is securely attached to the lower end of the rod or section B, and on the upper end is a cap 13 which fits over the upper end of the casing or tube 1, so as to correspond with the cap 4. When the flag is inserted into the casing A, one cap 3 is held by one hand and the top cap 13 by the other hand, and then by relative turning of the caps the flag will wind on the section B, and as it winds the flag is drawn in through the slot 2. The cap 13 has a bearing portion 14 which fits inside the upper end of the casing A so as to steady the turning section B as the flag is wound.

In case it is desired to provide for a plurality of flags in a single device the arrangement shown in Fig. 8 is employed. The various casings A′ are attached rigidly to a plate or equivalent means 17 on which is a stud 18 having a rotatable pinion 19 turned by a knob 20, and the caps 13^a are provided with teeth 21 to mesh with the pinion 19, so that all the flags can be wound at one time, but this arrangement of gearing does not preclude the use of any one flag at a time, or all the flags can be displayed together.

From the foregoing description taken in

connection with the accompanying drawing, the advantages of the construction and method of operation will be readily understood by those skilled in the art to which the invention appertains, and while I have described the principle of operation, together with the device which I now consider to be the best embodiment thereof, I desire to have it understood that the device shown is merely illustrative and that such changes may be made when desired as fall within the scope of the appended claims.

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

1. A flag staff comprising a tubular section having a longitudinal slot open at one end, a flag-carrying section slidable in the first-mentioned section and having a key slidable in the slot and adapted to move out of the slot when the flag-carrying section is fully inserted, whereby the sections can relatively turn, and a flag on the flag-carrying section adapted to enter the slot and to be drawn through the slot during the winding of the flag by the relative turning of the two sections.

2. A device of the class described comprising a tubular section having a slot open at one end and provided with stop means adjacent the open end, a second section slidable in the first section and having a key slidable in the slot and limited by engaging the stop means, said key being adapted to move out of the slot when the second section is fully inserted in the first, whereby the two sections can be turned, and a flag on the second section and movable into the slot through the open end thereof with the inward movement of the second section.

3. A device of the class described comprising a tubular body having a slot extending from one end to the other, the edges of the slot being rounded at each end, a cap rigidly fastened to one end of the tubular body to form a recess, an inner section having a block provided with a key slidable in the slot and adapted to turn in the recess when the inner section is fully inserted, said slot having stop means for engagement by the key to limit the outward movement of the inner section, a flag on the inner section adapted to enter the slot as the inner section is inserted, and a cap on the outer end of the inner section to fit over the end of the tubular body, whereby the two sections can be relatively turned to wind the flag.

4. The combination of a plurality of extensible flag staffs composed of sections movable axially and rotatable one with respect to another, and a common device for turning all the flag-carrying sections, and each flag-carrying section being adapted for independent use.

5. A plurality of flag staffs each including a container section and a flag-carrying section, the sections being movable axially and rotatably, a gear on each flag-carrying section, and a gear adapted to mesh with all of the gears to wind all the flags simultaneously.

6. A flagstaff and flag container including a tubular container section, and a flag-carrying section telescoping in the container section and turnable relatively to said container section when in the latter, said container section having a slot through which a flag, when secured to the flag-carrying section, may pass laterally into the container section in the relative turning of the sections to furl the flag, said slot extending through the end of the container section to present an opening affording an entrance passage for the unfurled flag longitudinally into the slot, in the movement of the flag-carrying section into the container section.

7. A flagstaff and flag container including a tubular container section, and a flag-carrying section telescoping in the container section and turnable relatively to said container section when in the latter, said container section having a slot through which a flag, when secured to the flag-carrying section, may pass laterally into the container section in the relative turning of the sections to furl the flag, said slot extending through the end of the container section to present an opening affording an entrance passage for the unfurled flag longitudinally into the slot, in the movement of the flag-carrying section into the container section; together with a laterally projecting member on the flag-carrying section adapted to be slidably received in said slot in the relative longitudinal movements of the flag-carrying section and container section, and a stop adjacent to the said open end of the slot to engage said laterally projecting member and limit the outward movement of the flag-carrying section, said slot affording passage for a flag past the said stop from the open end of the slot.

8. A flagstaff comprising a tubular section having a longitudinal slot open at one end, a flag-carrying section slidable in the first mentioned section and having a key slidable in the slot and adapted to move out of said slot when the flag-carrying section is fully inserted, whereby the sections can have relative turning movement, to furl the flag on the flag-carrying section and within the tubular section.

ADDISON COE.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."