No. 822,405. PATENTED JUNE 5, 1906.

R. W. TEESE.

COLUMN FOR FLAGSTAFFS.

APPLICATION FILED OCT. 10, 1905.

Fig. 1.

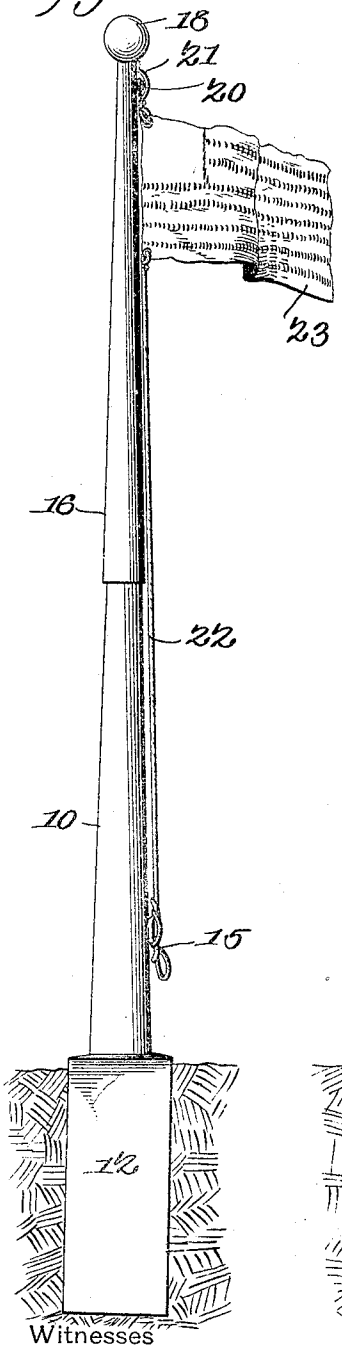


Fig. 2.

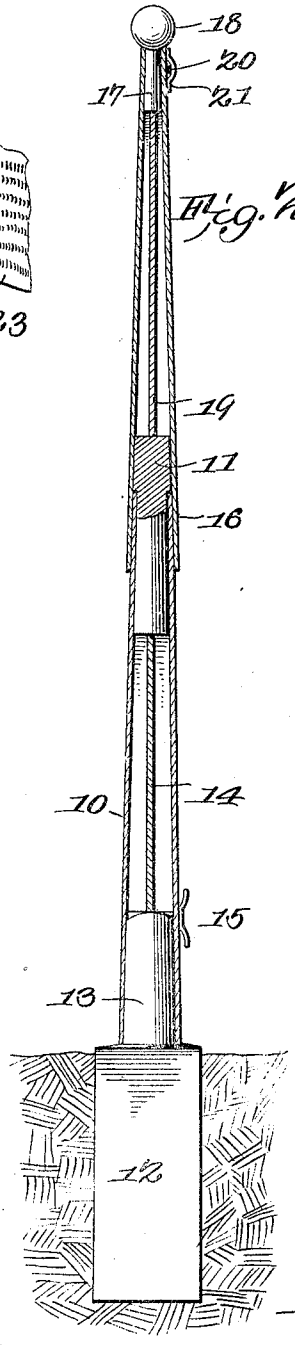


Fig. 5.

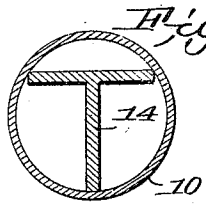
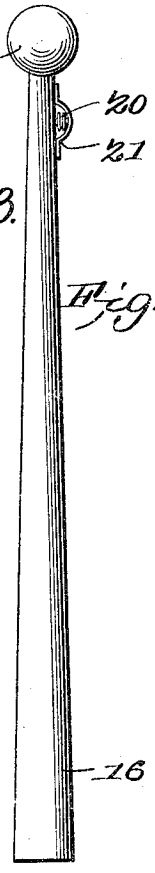




Fig. 3.

Fig. 4.



Witnesses

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UNITED STATES PATENT OFFICE.

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COLUMN FOR FLAGSTAFFS.

No. 822,405. Specification of Letters Patent. Patented June 5, 1906.

Application filed October 10, 1905. Serial No. 282,205.

To all whom it may concern:

Be it known that I, ROBERT W. TEESE, a citizen of the United States, residing at Warren, in the county of Warren and State of Pennsylvania, have invented a new and useful Column for Flagstaffs, of which the following is a specification.

This invention relates to columns for flagstaffs and the like, and has for an object to provide a staff embodying new and improved features of durability, sightliness, simplicity, and efficiency.

A further object of the invention is to provide a flagstaff of improved construction which may be stored and shipped in sections and any desired number of sections erected to form a complete staff.

A further object of the invention is to provide a staff composed of sheet metal and internally reinforced to add the requisite rigidity and stability without detracting from its symmetry or sightliness.

With these and other objects in view the present invention consists in the combination and arrangement of parts, as will be hereinafter fully described, shown in the accompanying drawings, and particularly pointed out in the appended claims, it being understood that changes in the form, proportion, size, and minor details may be made without departing from the spirit or sacrificing any of the advantages of this invention.

In the drawings, Figure 1 is a view of the improved staff in side elevation. Fig. 2 is a vertical longitudinal sectional view of the improved staff. Fig. 3 is a detail view, in side elevation, of the base-section. Fig. 4 is a detail view, in side elevation, of the upper section. Fig. 5 is a transverse sectional view.

Like characters of reference indicate corresponding parts in all of the figures of the drawings.

The improved staff forming the subject-matter of this application comprises any approved number of individual sections which may be united to form a complete staff, and as all the sections except the top section are similar a description of the base-section and the top section will serve as a description for all.

In its preferred embodiment the base-section comprises a tapered tube 10, composed of sheet metal, having secured in its upper or smaller end a coupling 11, which may be of wood or like material and extending beyond the upper end of the tube tapered to conform to and as a continuation of the external taper of the tube.

A base 12 is provided to be embedded in the ground and may be composed of wood, reinforced concrete, or any approved material. The base is provided with a stud 13, extending from its upper end and to extend above the ground and proportioned to fit snugly within the lower and larger end of the base-section. The tubular section is reinforced by a bar 14 of any approved transverse formation and here shown as a T-bar and extending from the upper end of the stud 13 throughout the length of the section to the coupling 11. At any convenient height the base-section is provided with a cleat 15.

The upper section in its preferred form comprises a tapered tube 16, of sheet metal, with a coupling 17 inserted and secured in its upper and smaller end and carrying any desired form of ornamental head or figure and here shown for convenience and simplicity of illustration as the ball 18 The larger end of the upper section is proportioned to be seated and fit upon the smaller end of the base or intermediate sections with the coupling 11 extend snugly therein, and the tube is reinforced by a bar 19, similar to the bar 14 and extending from the top of the coupling 11 to the lower end of the coupling 17.

Adjacent the upper end of the upper section a pulley 20 is attached in any approved manner, as by the clip 21, and upon the pulley is mounted a halyard 22, to which may be attached a flag, as 23, in the usual manner.

When more than two sections are associated, the sections between the base and upper sections are similar in every respect to the base-section, except that the cleat 15 may be omitted.

The couplings composed of wood or similar material are capable of being somewhat compressed by the emplacement thereon of the next section above and to thereby bind the sections together with a high degree of friction, thereby preventing the joints from becoming loosened by the action of the wind or otherwise.

Having thus described the invention, what is claimed is—

1. A staff comprising, a base provided with an upstanding stud, a column embodying a plurality of tapered tubular sections each provided with a coupling inserted in and extending without the smaller end and the larger

end of each proportioned to embrace the smaller end and coupling of the next section below and the lower section proportioned to embrace the stud.

2. A staff comprising, a plurality of tapered tubular sections with the larger end of each embracing the smaller end of the section below, couplings disposed within the smaller ends of the sections and extending into the section next above and auxiliary reinforcing members within and extending throughout the sections between the couplings.

3. A flag-staff comprising, a base provided with an upstanding stud, a plurality of tapered tubular sections having couplings within and extending beyond the smaller end and with the larger end proportioned to embrace the smaller end and coupling of the section below, the larger end of the lower section being proportioned to embrace the stud, a head mounted upon the coupling at the smaller end of the upper section, reinforcing members within and extending throughout the length of the tube between the couplings, a pulley adjacent the top of the upper section, a halyard in the pulley and means carried by the lower section to secure the halyard.

4. A staff comprising tapered tubular sections, one of said sections projecting into and binding upon the other section, and a coupling within and frictionally engaging the adjoining portions of the sections.

5. A staff comprising tapered tubular sections, one of said sections projecting into and binding upon the other section, a coupling projecting beyond the overlapping ends of the two sections and frictionally engaging the inner surfaces thereof.

6. A staff comprising tapered tubular sections, one of said sections projecting into and binding upon the other section, a coupling projecting beyond the overlapping ends of the two sections and frictionally engaging the inner surfaces thereof, and longitudinally-disposed reinforcing means within the sections.

7. A staff comprising tapered tubular sections, one of said sections projecting into and binding upon the other section, a coupling projecting beyond the overlapping ends of the two sections and frictionally engaging the inner surfaces thereof, longitudinally-disposed reinforcing means within the sections, said means being angular in cross-section.

8. The combination with a base and an upstanding staff-engaging device thereon; of a staff comprising tapered tubular sections, one of said sections adapted to project into and bind upon the other section, and a coupling disposed within the overlapping portions of the sections and frictionally engaging both of said sections.

9. The combination with a base and an upstanding staff-engaging device thereon; of a staff comprising tapered tubular sections, one of said sections adapted to project into and bind upon the other section, a coupling disposed within the overlapping portions of the sections and frictionally engaging both of said sections, and longitudinally-disposed reinforcing means within the sections.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

ROBERT W. TEESE.

Witnesses:

W. C. WATSON,

H. K. CASLER.