W. H. EDSALL.

FLAGSTAFF HOLDER.

APPLICATION FILED MAY 17, 1918.

1,278,318. Patented Sept. 10, 1918.

Fig. 4.

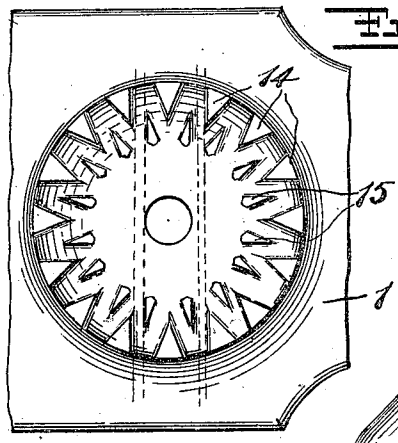


Fig. 1.

Fig. 2.

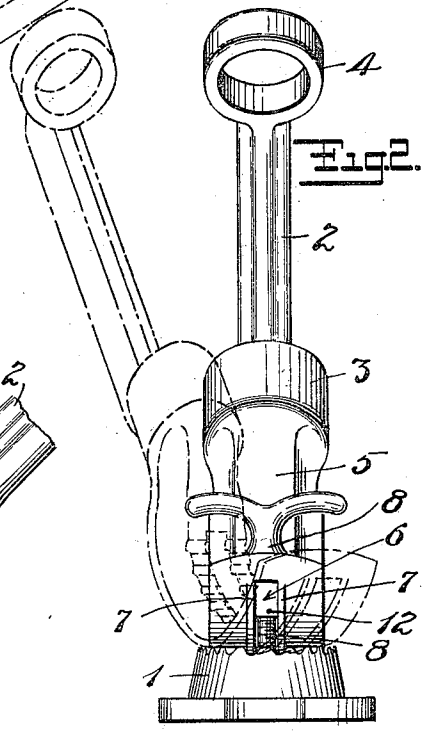


Fig. 5.

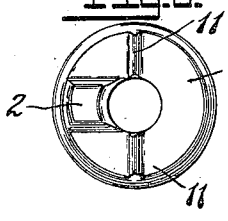


Fig. 3.

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UNITED STATES PATENT OFFICE.

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FLAGSTAFF-HOLDER.

1,278,318. Specification of Letters Patent. Patented Sept. 10, 1918.

Application filed May 17, 1918. Serial No. 235,174.

To all whom it may concern:

Be it known that I, WILLIAM H. EDSALL, a citizen of the United States of America, residing at Wallingford, Connecticut, have invented a new and useful Flagstaff-Holder, of which the following is a specification.

My invention relates to flag staff holders, my object being to provide an improved construction whereby the holder may be easily adjusted to different angular positions at will, the construction being so designed as to possess a high degree of strength, at the same time being comparatively light.

In the drawings:

Figure 1 is a side elevation of my holder as it would appear in operation.

Fig. 2 is a rear end elevation thereof.

Fig. 3 is a sectional view of certain parts.

Fig. 4 is a plan view of the base relatively enlarged.

Fig. 5 is a view of the underside of a detail of construction also relatively enlarged.

1 is a base which may be secured by screws or otherwise upon any suitable support such as a window ledge. The upper part of the base is cup shaped and the outer edge is toothed, as shown in Fig. 4, to form receiving grooves into which ribs on the holder proper project, as hereinafter described. The holder proper comprises an arm 2 having a socket 3 near its inner end and a ring 4 near its outer end into which ring and socket the flag pole or staff is projected and held. At the inner end of the holder is a curved extension 5 which has therein a longitudinal slot 6. On the lower side of this extension and on opposite edges of the slot are ribs 7—7 so spaced as to fit into the grooves formed between the teeth around the upper edge of the base 1, whereby when the rear extension of the holder is securely clamped down on the base the holder cannot turn thereon. 8 is a screw having a suitable handle at the upper end, said screw passing through the slot 6 and screwing into the center of the base 1. 9 is a specially shaped washer for further locking the holder in its adjusted position. It will be noted that the upper face of the extension 5 on opposite edges of the slot 6 is provided with a series of saw teeth 10—10. On the lower side of the washer 9 are teeth 11—11, and 12 is a lug on the lower side of the washer 9 half way between the teeth 11—11. The lug is arranged to project into the slot 6, as shown in Fig. 3, so that the washer is held against turning with the screw 8. When the angular position of the holder 2 has been determined, the screw 8 is turned down so that the teeth 11—11 on the washer will project in between the teeth 10—10 on the holder directly under said washer whereby, when the screw 8 is turned down firmly, the extension 5 of the holder can neither turn nor slip on the base 1 and thus the holder will be rigidly held in the desired angular position. In Figs. 1 and 2, I have shown in dotted lines another position of adjustment, showing in Fig. 1, that the outer end of the holder may be lowered and in Fig. 2 that the outer end may be swung off at an angle. From the foregoing, it will be seen that the parts are exceedingly simple and few in number and are so designed as to afford a maximum of strength to resist strain occasioned by wind pressure. It will be noted that the width of the extension 5 is greater than the depth thereof. It is, therefore, best adapted to resist side strains such as occasioned when the flag is blown to the right or left by a severe wind. The downward strain is comparatively slight at all times since the combined weight of the pole and the flag is relatively little. For this reason, the depth of the extension may be less than the width without sacrifice to strength.

In Fig. 4 I have shown in dotted lines the position of the parallel ribs 7—7 between the teeth at the upper edge of the holder, which in this particular instance, are specially designed to secure the best results. In said figure, 14—14 constitute a series of teeth directly at the edge of the cup shaped portion of the holder 1, while 15—15 are teeth formed a little ways in from the edge and positioned alternately between the teeth 14—14. By this arrangement, I form a plurality of sets of parallel grooves extending transversely across the top of the holder 1

to receive the set of ribs 7—7, as shown in dotted lines, the arrangement being preferably such that the holder can be turned and adjusted at almost any angle.

I have shown and described my improved holder only in its preferred form and I am aware that the design and construction of the various parts may be modified very materially without departing from the spirit and scope of my invention, such modifications being too numerous for me to attempt to illustrate the same. I might, however, mention that it is immaterial whether the screw 8 screws into the support on the base in the manner shown, or whether the screw is rigidly carried by the base with the handle portion in the form of a nut mounted to rotate on the screw above the washer. Such a modification is too obvious to require illustration and would manifestly be within the scope of my invention.

What I claim is:

1. A flag staff holder comprising a base having an upwardly projecting support, a holder constructed to receive a flag staff, a curved rearward extension on said holder arranged to be seated at different angular positions on the upper part of said support and to be slidable thereon when so seated, said extension having a longitudinal slot, a washer arranged to rest on the upper side of said extension on opposite sides of said slot, and a screw carried by said support and passing through said extension and washer for drawing said parts into binding engagement to lock said extension against sliding movement on said support and interengaging means between said extension and said support to prevent angular displacement of the former on the latter.

2. A flag staff holder comprising a base having an upwardly projecting support, a holder constructed to receive a flag staff, a curved rearward extension on said holder arranged to be seated at different angular positions on the upper part of said support and to be slidable thereon when so seated, said extension having a longitudinal slot, a washer arranged to rest on the upper side of said extension on opposite sides of said slot, and a screw carried by said support and passing through said extension and washer for drawing said parts into binding engagement, and interlocking means between said several parts to prevent any relative movement of the same when said screw is tightened down.

3. A flag staff holder comprising a base having an upwardly projecting circular support constructed with a concaved upper end, a holder constructed to receive a flag staff, a curved rearward extension on said holder arranged to be seated at different angular positions on the upper part of said support and to be slidable thereon when so seated, said extension having a longitudinal slot, a washer arranged to rest on the upper side of said extension on opposite sides of said slot, and a screw carried by said support and passing through said extension and washer for drawing said parts into binding engagement and interengaging means between said extension and said support to prevent angular displacement of the former on the latter.

4. A flagstaff holder comprising a base having an upwardly projecting circular support concaved at its upper end, the edges thereof having notches, a holder constructed to receive a flag staff, a curved rearward extension on said holder arranged to be seated at different angular positions on the upper end of said support, and to be slidable thereon when so seated, said extension having a longitudinal slot with a longitudinal rib at one side to project into said notches, a washer arranged to rest on the upper side of said extension on opposite sides of said slot, and a screw carried by said support and passing through said extension and washer for drawing said parts into binding engagement, and means on said washer projecting into said slot to prevent said washer from rotating relatively to said extension.

5. In a flag staff holder, a base having a cup-shaped support projecting upwardly therefrom with a series of notches in and around the upper part of said support, a holder constructed to receive a flag staff, a longitudinally slotted curved rearward extension on said holder having a longitudinal rib on the underside arranged to extend into said notches to prevent rotation of the extension thereon when the same is seated, a clamping screw passing through said slot and engaging said support, and means between the screw and the extension for locking the latter against sliding movement on the support when said screw is tightened down.

6. In a flag staff holder, a base having a cup shaped support projecting upwardly therefrom with notches in the upper part of said support, a holder constructed to receive a flag staff, a longitudinally slotted curved rearward extension on said holder having a projection on the underside arranged to extend into said notches to prevent rotation of the extension when the same is seated therein, a clamping screw passing through said slot and engaging said support, and means between the screw and the extension for binding the latter against sliding movement on the support when said screw is tightened down, said means comprising a washer-like piece, the upper surface of said extension having notches, said washer-like piece having a portion adapted to enter said notches.

7. A flag staff holder comprising a base having a cup shaped support projecting up-

wardly therefrom with upwardly projecting teeth around the edge thereof, a holder constructed to receive a flag staff, a longitudinally slotted curved rearward extension on said holder having ribs on opposite sides of its slot arranged to stand between teeth on the support, a screw engaging said support for clamping the extension tightly thereon, and a washer controlled by said screw and resting on the upper side of said support with interengaging teeth on the support and washer to prevent the extension from sliding on the support.

WILLIAM H. EDSALL.

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