T. P. TURNER.

FLAGSTAFF SUPPORT.

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1,178,558.

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Fig. 1.

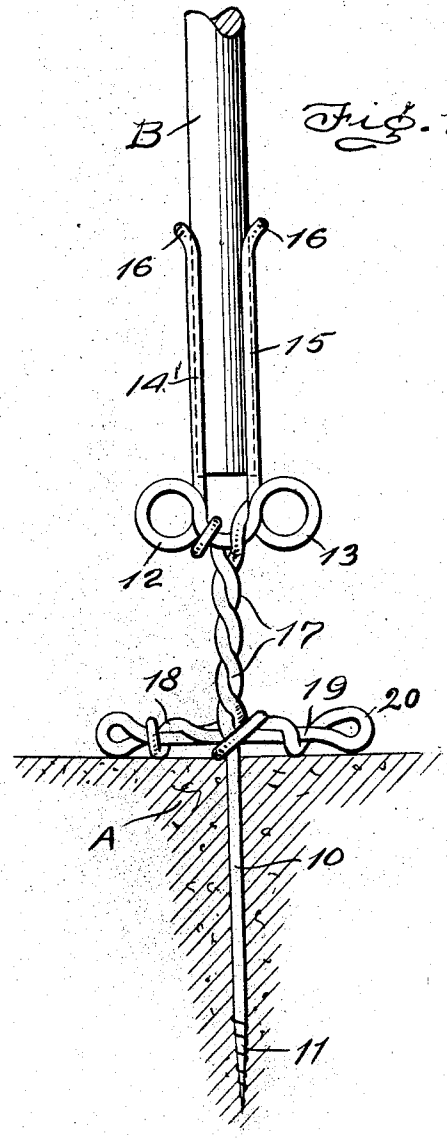
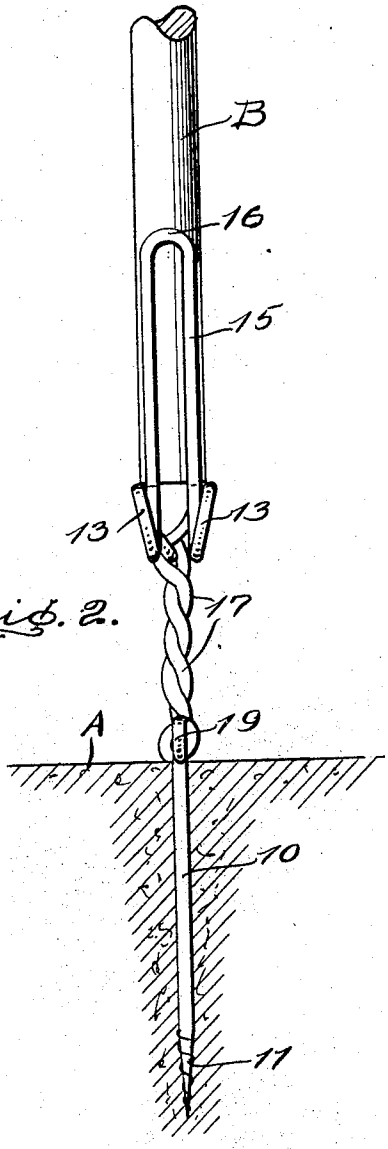


Fig. 2.



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FLAGSTAFF-SUPPORT.

1,178,558. Specification of Letters Patent. Patented Apr. 11, 1916.

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To all whom it may concern:

Be it known that I, THOMAS P. TURNER, a citizen of the United States, residing at Sparta, in the county of Kent and State of Michigan, have invented certain new and useful Improvements in Flagstaff-Supports, of which the following is a specification.

My present invention has relation to the class of supports and consists more specifically in the provision of an improved device of this nature that may be securely fixed to the ground or other structure, in connection with which it may be associated, so as to properly support a flag staff or other similar device, permitting the free and easy insertion or removal thereof, and at the same time effectually preventing any lateral movement of the staff, when in position.

A further object of my invention is to provide a device of the type in question that may be formed of a single strand of wire so as to include a member for attachment to the ground, or other structure, arms to engage the ground, or other structure to effectually prevent lateral movement of the device, and resilient gripping jaws to receive and firmly retain the staff; to the end that it may be manufactured at a minimum cost.

Various other objects and advantages will become apparent during the continuance of the following description.

These objects are accomplished by such means as are shown in their preferred form in the accompanying drawings, described in the following specification and then more specifically pointed out in the appended claims.

In the accompanying drawings wherein like characters designate like parts throughout the several views; Figure 1 is a view in side elevation of my invention showing the same as in its preferred embodiment and in connection with both a supporting structure and a flag staff of substantially the conventional form; Fig. 2 is a view similar to Fig. 1 taken at a right angle to Fig. 1 and illustrating more clearly the relative position of the gripping jaws and the bracing arms.

Before proceeding with a more specific description I desire to point out that while my invention as disclosed herein purports to be used solely as a flag staff support, it is to be fully appreciated that it may be adapted and used for other purposes in the event that occasion should require.

My invention, as disclosed herein, consists generally in the embodiment of a single strand of wire that is bent to form the necessary elements of the device; the latter comprising a body portion 10 which may be threaded as at 11 adjacent one end, to be embedded, or rather screwed into the supporting structure A.

The strand of wire which constitutes the device is bent adjacent the other end of the body 10 to form opposite coils 12 and 13 respectively, and hence to form a pair of resilient engaging jaws 14 and 15. These jaws are normally held under tension of the coils 12 and 13 so that when the staff or other structure to be supported, such as indicated in the drawings by the letter B, is arranged in place they will firmly grip the same and effectually preclude lateral as well as accidental longitudinal movement thereof. They may be also flared slightly as at 16, adjacent their upper end so as to facilitate the insertion of the end of the staff therebetween. The strand is now twisted about the projecting portion of the body 10 as at 17 and finally formed into bracing arms 18 and 19 which are arranged to extend at a substantially right angle with respect to the general extent of the device. As shown in the drawings, these arms are formed to be in vertical alinement, or longitudinal alinement, such as the case may be so as to effectually engage the surface of the support A in a manner so as to relieve the lateral strain exerted by the staff B, on the gripping jaws 14 and 15. In other words should a strain be subjected on the staff B which would tend to cause the spreading of the jaws 14 and 15, the bracing arms 18 and 19 will relieve the strain on the jaws to a certain extent so as to effectually prevent the dislodgment of the staff. The greatest of stress is directed to this latter feature in view of the fact that it adds materially to the efficiency of the device.

Loops 20 are formed at the free ends of the bracing arms which are arranged to lie in a plane of the longitudinal extent of the member 10 so as to firmly engage the ground or other support when the device is used in the manner shown, and to permit the secure fastening of the same in the event that it is used in connection with a window sill or the like. The device may be placed flat upon the window sill so that the loops are positioned in a manner whereby screw

or other fastening members may be arranged therethrough. In order that they may be advantageously employed in this connection it has been found both necessary and expedient to arrange the loops in the manner shown, *i. e.* in a position whereby they are in alinement with the coils and the gripping arms.

From the foregoing it will be recognized that the device of my invention may be formed of a single strand of wire and thus manufactured at a very low cost; that the same will effectually support the flag staff and prevent any material lateral movement thereof; and finally that the flag staff may be easily and quickly removed or placed in connection therewith. It is also believed that the advantages and novel features of my invention will be readily apparent and therefore further detailed description is deemed unnecessary.

In reducing my invention to practice I find that the form referred to herein as the most practical and preferred embodiment is the most efficient, but realizing that certain conditions will necessarily vary in concurrence with the adoption of my invention, I desire to emphasize the fact that various minor changes in the details of construction an din the proportion of parts may be resorted to when required without sacrificing any of the advantages of my invention as defined in the appended claims.

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

1. In a device of the character described, a single strand of wire bent to form a member to be fixed to a supporting structure, said strand being bent to form coils at one end of said member, said strand being further bent to form opposite gripping jaws under tension of said coils, and said strand being further bent to form bracing arms to engage the supporting structure and prevent lateral movement of the projecting end of said member, as and for the purpose specified.

2. In a device of the character described, a strand of wire bent to form a member to be fixed to a supporting structure, coils formed from said strand at one end of said member, gripping jaws formed adjacent said coils to be under tension thereof, and bracing arms formed intermediate the ends of said member and engage the face of the support, as and for the purpose specified.

3. In a device of the character described, a single strand of wire bent to form a body member, said strand being also bent to form coils at one end of said member, said strand being further bent to form gripping jaws to be under tension of said coils, and said strand being finally bent to form bracing arms for attachment to a supporting structure, as and for the purpose specified.

4. In a device of the character described, a body member, gripping jaws carried at one end of said body member, bracing arms formed from said body member to extend at right angles with respect to the general extent thereof, and loops in said bracing arms for attachment to a supporting structure, as and for the purpose specified.

5. In a device of the character described, a body structure, means carried by said body structure to facilitate its attachment to a support, coils formed at one end of said body structure, gripping jaws associated with said coils to be under tension thereof, and bracing arms carried by said body structure to extend at right angles with respect thereto and arranged in alinement with said gripping jaws, as and for the purpose specified.

6. In a device of the character described, a body member screw threaded adjacent one end, coils carried by said body member, gripping jaws associated with and to be under tension of said coils, bracing arms carried by said body member substantially intermediate its ends and extending at a substantially right angle with respect thereto and loops at the ends of said bracing arms to lie in a plane in alinement with said coils, as and for the purpose specified.

7. In a flag staff support; a body having means at one end for attachment to a support, co-acting gripping jaws providing a socket to receive one end of the flag staff, and brace arms looped at their free end carried by said body; whereby said body may be attached to lie upon the face of the support.

8. In a flag staff support; a body having means at one end for insertion into a support, co-acting gripping jaws carried at the other end of said body and providing a socket for the reception of one end of the flag staff, lateral brace arms carried by said body in spaced relation to said gripping jaws and said arms being looped adjacent their free ends whereby said body may be attached to lie flush with the face of the support, and all of said parts to be formed of a single strand of wire.

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

THOMAS P. TURNER.

Witnesses:
A. B. Cheney,
Henry C. Smith.