W. A. TORNEY.

FENCE POST.

APPLICATION FILED JULY 27, 1911.

1,037,687. Patented Sept. 3, 1912.

Fig. 2.

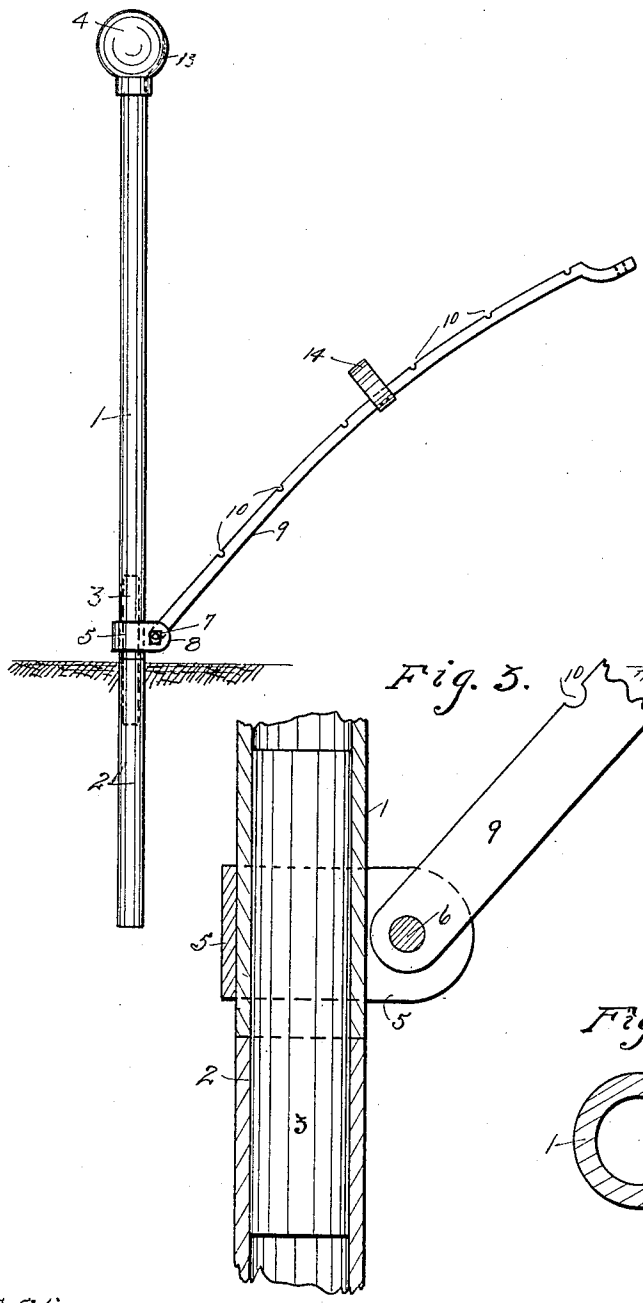


Fig. 1.

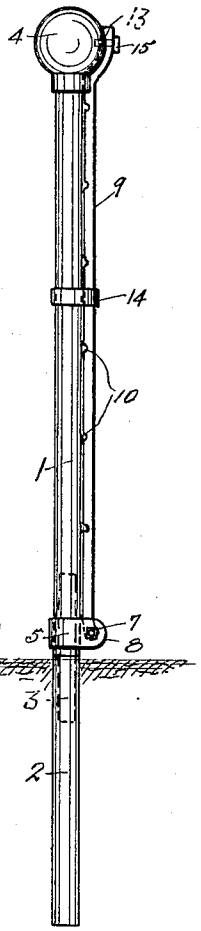
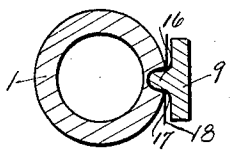


Fig. 3.

Fig. 4.



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UNITED STATES PATENT OFFICE.

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FENCE-POST.

1,037,687. Specification of Letters Patent. Patented Sept. 3, 1912.

Application filed July 27, 1911. Serial No. 640,914.

To all whom it may concern:

Be it known that I, WELLINGTON A. TORNEY, a citizen of the United States, and a resident of Seattle, in the county of King and State of Washington, have invented certain new and useful Improvements in Fence-Posts, of which the following is a full, true, and exact specification, which will enable others skilled in the art to construct and use the same.

This invention relates to fence posts and more particularly to tubular metallic fence posts upon which wires are strung, and has for its principal object to provide a post of this character light and ornamental in appearance, especially adapted for use in parks and lawns, strong and durable, to which the wires may be quickly and firmly secured in a peculiar and novel manner and from which the wires may be as quickly removed.

The invention will be fully explained in the following specification and shown in the accompanying drawings, in which—

Figure 1 is a side view of the post with the wires removed. Fig. 2 a similar view with the wire securing means swung out of normal position. Fig. 3 is an enlarged fragmentary view of the upper and lower portions of the post in central longitudinal section. Fig. 4 a modified form, in cross section, of the post and the wire securing means.

Referring now more particularly to the drawings, the numeral 1 designates the upper portion of the post, which is tubular and preferably of about two inches outside diameter.

2 is the lower portion of the post which is of the same dimensions in cross section as the upper portion 1.

3 is a plug, preferably of metallic tubing and which is substantially equal in its outside diameter to the internal diameter of the portions 1 and 2.

The upper portion 1 of the post may have the ornamental cap or head 4 secured thereto in any suitable manner.

5 is a collar which surrounds the upper portion 1 of the post and which is made to tightly fit the post by means of the bolt 6 and nut 7, in a well known manner. The free ends 8 of the collar may be drawn up so as to tightly hug the post, but are of sufficient length to meet each other. Upon the bolt 6 and between the ends 8 of the collar 5 is pivoted the lower end of the metallic strip 9 which is normally bowed or bellied toward the post, as clearly shown in Fig. 1, and in which strip 9 are the notches 10. The upper end of the strip 9 is curved, as shown, to correspond to the head 4 and fits into the channel 13 in the head 4 as shown in dotted lines, and may be firmly secured thereto by the machine screw 15.

From the foregoing description it is believed that the construction and operation of my device will be fully understood by those skilled in the art. It is clear that the lower portion 2 of the post may be driven into the ground allowing the top thereof to project slightly above the ground surface. After the lower portion has been so driven into the ground the earth within the same is in a comparatively loose form. The plug 3 is then driven into the lower portion 2 and allowed to project above the same (Fig. 3), after which the upper portion 1 is sleeved over the projecting end of the plug as shown. The ends of the wires to be strung are now placed into the notches 10, the strip 9 swung upwardly about its pivot 8 and against the side of the post, the inwardly sprung or bellied form of the strip 9 keeping the inner edge or surface of the same firmly pressed against the post as will be understood. The free end of the strip 9 is now secured by means of the screw 15, into the channel 13 of the head 4. The spring collar 14 embraces the post and prevents displacement of the strip 9 with relation thereto. It will be readily seen that a fence of this character may be quickly built upon a park or a lawn without the usual damage to the surrounding sod caused by the digging of the postholes, tamping of the earth around the post, etc.; and that the fence may be quickly taken down without marring the surrounding sod.

In the modified form shown in Fig. 4 there is a rib or bead 16, upon the strip 9, which fits into the channel 17 in the upper portion of the post. The wires 18 are crimped slightly as clearly shown in Fig. 4, when the strip 9 is up in place as shown in Fig. 1, firmly securing the same.

Many changes in details of construction will readily suggest themselves to others

skilled in the art without departing from the spirit and scope of the invention, and I do not therefore desire to be limited to the exact form of construction herein described and shown.

Having described my invention, what I claim as new and desire to protect by Letters Patent in the United States is—

1. The combination in a fence post of a head, a collar around the lower end of said post, nut and bolt means for drawing said collar tightly around the post, an inwardly sprung strip pivoted upon said bolt, wire receiving notches in said strip, a spring bracing collar upon said strip adapted to spring around said post and means for securing the upper end of said strip to said head.

2. The combination in a fence post of a wire fastening device comprising a collar around the lower end of the post, nut and bolt means for drawing said collar tightly around the post, an inwardly sprung strip pivoted upon said bolt, a longitudinal channel in said post, a rib upon said strip adapted to enter said channel and crimp the wires and means for fastening the upper end of said strip to said post.

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