H. C. JONES.
METALLIC POST AND BASE THEREFOR.
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Witnesses
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Fig. 1

Fig. 2

Fig. 3

Fig. 4

Figures 1 through 4 depict various views of the metallic post and base. The figures show the post with multiple sections and the base with a unique design.
METALLIC POST AND BASE THEREFOR.


To all whom it may concern:

Be it known that I, HAROLD C. JONES, a citizen of the United States, residing at the city of Chicago Heights, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Metallic Posts and Bases Therefor, of which the following is a specification.

My invention relates to posts which are used for supporting fencing, trellises and the like.

The object thereof is to provide a metallic post, the material of which shall be cheap and durable and the parts of which can be formed and assembled with the minimum of time and special labor. Such post may readily be placed in position and securely anchored in the soil. It is rigid against transverse strains and reinforced where attack of the elements is most severe.

To these ends I use standard shapes of metal and so dispose the parts with reference to each other that the greatest weight or body material is placed at the point of greatest strain and attack by the elements, while at the same time I provide a broad bearing against side pressure.

The principles of my invention are illustrated in the drawings, in which—

Figure 1 shows a side elevation of my improved post and base; Fig. 2 is a similar view as looked at from the right of Fig. 1; Fig. 3 is a perspective showing the same placed at an angle, and Fig. 4 is a cross section on the line 4—4 of Fig. 2.

Further describing my invention with reference to the drawings, in which like characters of reference denote like parts throughout: 1 is the upright or principal column of a post, which may be made as shown of iron or steel rolled in the form of an equal leg angle. One of said angles is provided with perforations 2, through which staples or other attaching means may be passed, whereby the wires of a barbed wire fence or the strand of a woven wire fence may be secured in place. The base to which said column is attached consists of an upright portion 3 and a foot or anchor piece 4 extended at right angles therefrom. The said base also preferably consists of a piece of angle bar of suitable length, having one end flattened and turned at right angles to the main portion to form the anchor piece 4.

For symmetrical effect the upper corners 5 of members 3 may be removed.

It is evident that the dimensions of the base and column or the parts thereof may be varied to any degree without departing from the spirit of my invention. A suggested relation of parts is provided by an upright of a 1½x1⅜ equal leg angle, mounted on a base made of 2½x2⅜ angle bar. In this case the anchor piece will be approximately five inches across and it may be extended from the post by a similar distance, although this may be increased or diminished if desired. It will also be noted that the angle iron pillar as illustrated may be replaced by other shapes of metal, as, for instance, of tubular section. In either case the pillar should be “nested” within the upright of the base, and it may be securely fastened thereto by rivets 7 or by any other available means such as electric welding.

The point of greatest weakness in a post is at the “water line,” that is, just at and below the surface of the ground. It is here that the combination of moisture and the oxygen of the atmosphere combine for most active attack. And the decay of wooden, and corrosion of metal posts at this point ordinarily render them useless while in good condition both above and below. The double thickness of metal in my post at the “water line” insures long life and stability, and the “nesting” of one piece within the other provides a rigid and non-yielding attachment.

I claim:

1. The combination with a fence post, of a base embodying an upright, and a foot of greater width than the upright, said upright gradually broadened laterally toward its lower end and having its sides curved rearwardly and merging into and forming an integral continuation of the foot.

2. A base for a metallic post having an angle iron upright, the lower part thereof being flattened to form an integral foot extended at right angles to the upright on the side of the interior angle thereof, and bisected by a line bisecting said interior angle.

3. In a metallic post, the combination with a base having an angle iron upright, the lower part thereof being flattened to form an integral foot extended at right angles to the upright on the side of the interior angle thereof and bisected by a line bisecting said interior angle, of a shaft secured to said base.
4. In a metallic post, the combination with a base having an angle iron upright, the lower part thereof being flattened to form an integral foot extended at right angles to the upright on the side of the interior angle thereof and bisected by a line bisecting said interior angle, of an angular shaft secured to and nested in the angle of said base.

5. The combination with a fence post, of a base embodying an upright, and a foot of greater width than the upright, said upright gradually broadened laterally toward its lower end and having its sides merging into and forming an integral continuation of the foot.

6. A metallic post having an angle-iron upright, the lower part thereof being flattened to form an integral foot extended at right angles to the upright on the side of the interior angle thereof and bisected by a line bisecting said interior angle, and an angle iron post said interior angle, and an angle iron post secured to and nested in the angle of said upright.

In witness whereof, I have hereunto subscribed my name this 16th day of July A. D. 1912, in the presence of two subscribing witnesses.

HAROLD C. JONES.

Witnesses:

C. K. CHAMBERLAIN,
A. S. PHILLIPS.

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