No. 822,814. PATENTED JUNE 5, 1906.

J. W. BAKER.

METAL POST.

APPLICATION FILED OCT. 19, 1905.

FIG. 3

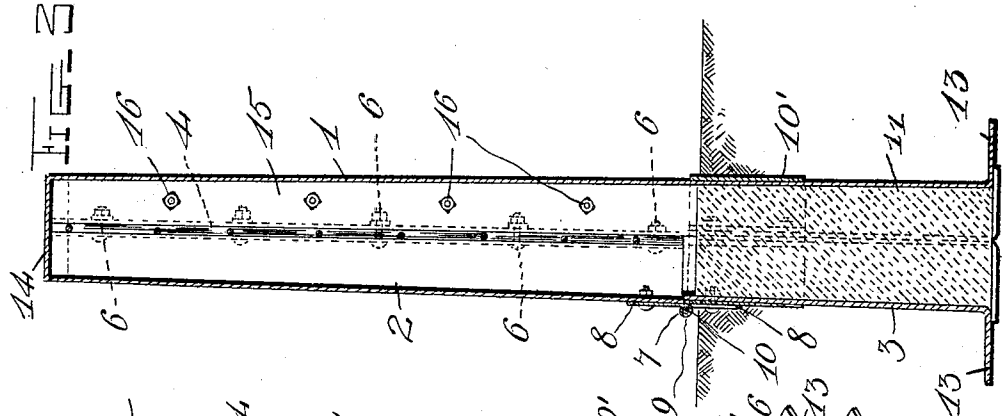


FIG. 4

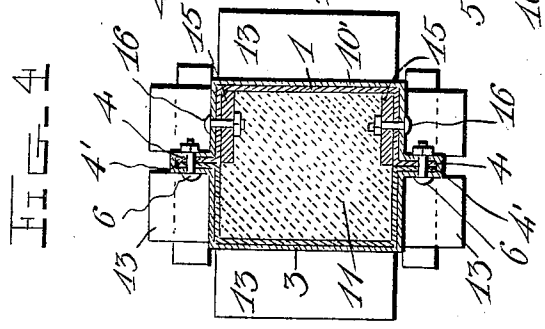
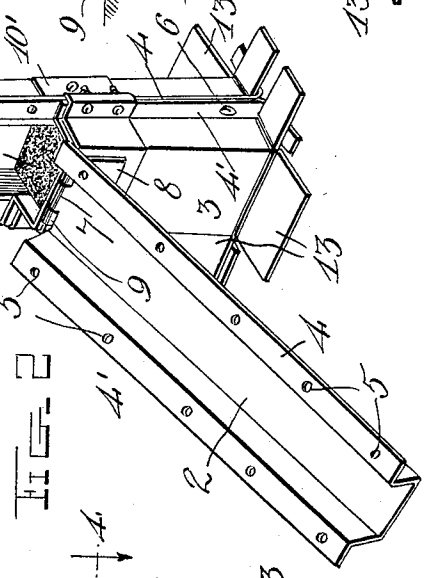


FIG. 2



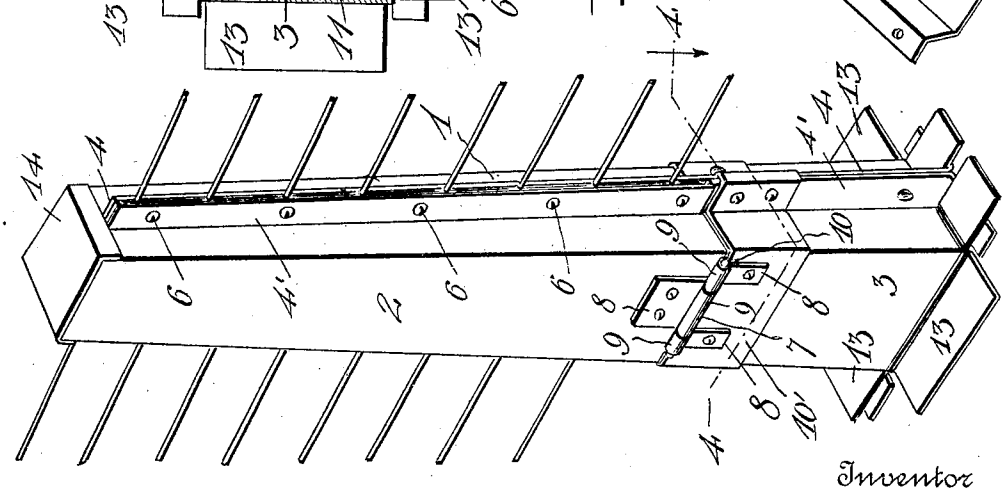


FIG. 1

Witnesses
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UNITED STATES PATENT OFFICE.

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METAL POST.

No. 822,814. Specification of Letters Patent. Patented June 5, 1906.

Application filed October 19, 1905. Serial No. 283,422.

To all whom it may concern:

Be it known that I, JOHN W. BAKER, a citizen of the United States, residing at Adrian, in the county of Lenawee and State of Michigan, have invented certain new and useful Improvements in Metal Posts; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to fence-posts; and one of the principal objects of the same is to provide a strong and durable post in which the line-wires are clamped centrally by frictional means to permit the wires to slide when there is an extraordinary draft upon them in either direction.

Another object is to provide means for preventing the decay or rusting of the posts at or near the ground-line.

Another object is to provide a sectional post onto which one of the sections is hinged to facilitate the adjustment of the line-wires in place centrally through the post.

Still another object is to provide a sectional metal post which will be practically watertight and which will permit the line-wires to slide centrally therethrough when there is an extraordinary draft on any one or more of the line-wires.

These and other objects are attained by means of the construction illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of a fence-post made in accordance with this invention. Fig. 2 is a similar view with the hinged section swung down in position for securing the line-wires in place. Fig. 3 is a central longitudinal section of the post, and Fig. 4 is a horizontal section on the line 4 4 of Fig. 1.

Referring to the drawings for a more particular description of my invention, the numeral 1 designates one of the sections of the post, and 2 3 designate the other section of same. As shown, the post is made of sheet metal of the required gage, and these sections may either be rectangular, round, or any suitable shape in cross-section. The section 1 is provided with laterally-projecting flanges 4, and the sections 2 3 are each provided with similar flanges 4′. Registering perforations 5 in the flanges are for the bolts 6, which clamp the two sections rigidly together.

The section 2 is hinged at 7 to the section 3. As shown in the drawings, this hinge is formed by straps 8, secured to the two sections and provided with pintle-bearings 9, through which the pintle 10 passes. However, any suitable hinge may be provided for these two parts. A strip of zinc 10′ passes entirely around the post at a point immediately below the hinge, the purpose of which is to prevent the rusting or decaying of the post at the ground-line. Said strip of zinc is secured by the bolts which pass through the flanges.

Near the base portion of the post a filling of concrete or cement 11 provides a suitable anchorage for the post, and the lower ends 13 of the sections are bent outwardly to hold the post firmly in the ground. The lower ends of the flanges are also bent outwardly under the portions 13, as shown. The upper end of the section 1 is bent over in the form of a cap 14 to cover the upper end of both sections to keep the water out from the interior of the post.

In attaching the line-wires to the fence-post the hinged section is thrown downward after the post has been set in the ground, and the line-wires are then led through between the two sections and a piece of material like felt, asbestos, or a strip of some frictional material is placed next to the flanges, and the wires are clamped against these frictional pieces by the bolts 6. In the section 1 vertical strengthening bars or braces 15 give stability to this section and are secured in place by means of bolts or screws 16.

From the foregoing it will be obvious that a post constructed in accordance with this invention will be strong and durable, will permit the line-wires to occupy a central position passing through the post, that the wires will be permitted to move through the post when extraordinary stress is brought upon any one of the wires, that the concrete filling may be inserted after the post has been placed in the ground and before the wires are secured in position, and that the post is practically waterproof and is provided with means for preventing the decay of the post at or near the ground-line.

It will be obvious that a post constructed as described may be used as a hitching-post or for many other purposes without alteration in the general structure of the post.

Various changes in the form, proportion,

and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

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

1. A post comprising two metal sections, one of said sections being hinged, and a cap formed on one of said sections for covering both sections, substantially as described.

2. In a fence-post, two hollow sections clamped together with the line-wires passing between the two sections and frictional strips for holding the line-wires frictionally to the post and permitting them to independently slide therein when extraordinary stress is brought upon any of said line-wires, substantially as described.

3. A fence-post comprising metal sections, the lower ends of which are bent outwardly to form anchors for said posts, a hinged section, a concrete filling at the base portion of the post, a cap formed upon one section for covering both sections at the top of the post, one of said sections being hinged to the other, flanges bent outwardly from the sections, bolts passing through the flanges for clamping the line-wires frictionally and strips of fabric or other frictional material for holding the wires in position, substantially as described.

4. A fence-post comprising metal sections provided with flanges, one of said sections being hinged near the base, a cap formed on one of the sections and covering both sections, line-wires passing through centrally between the sections and bolts passing through the flanges for holding the line-wires in position, substantially as described.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

JOHN W. BAKER.

Witnesses:
J. W. HELME,
MILDRED M. COMSTOCK.