

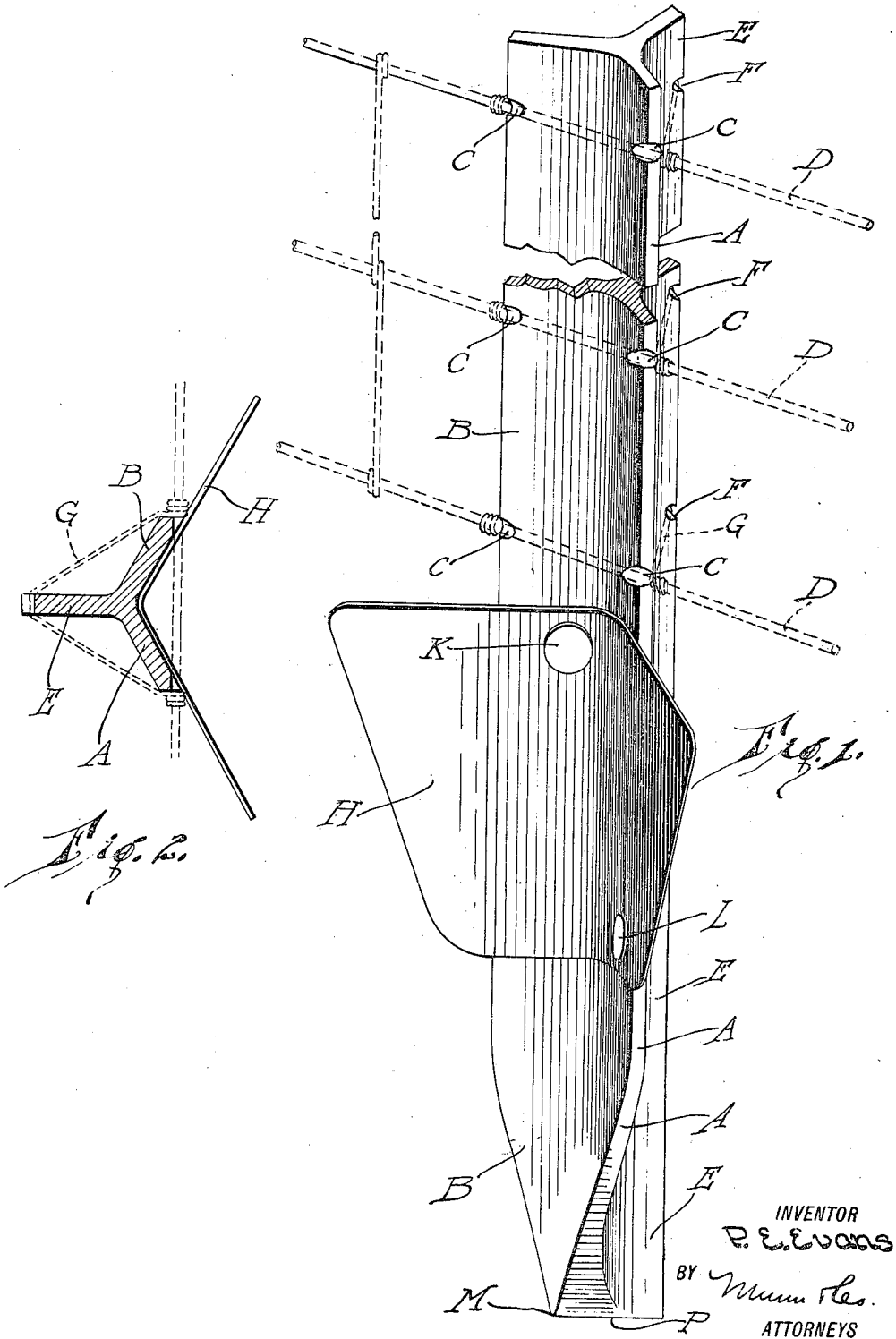
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METAL FENCEPOST

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UNITED STATES PATENT OFFICE.

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METAL FENCEPOST.

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To all whom it may concern:

Be it known that I, PERCY EDWIN EVANS, a citizen of the United States, and a resident of Chicago Heights, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Metal Fenceposts, of which the following is a full, clear, and exact description.

My invention relates to improvements in metal fence posts, and it consists in the combinations, constructions, and arrangements herein described and claimed.

An object of my invention is to provide a metal fence post having notches on its edges for the attachment of the fence wire retaining member or staple, the notches being rolled in the process of manufacturing the bar.

A further object of my invention is to provide a metal fence post of symmetrical shape, so that it will look substantially the same from any angle.

A further object of my invention is to provide a fence post having notches on its edges for the wire retaining member or staple, the contour of the post being such that the wire retaining member or staple touches the post only at one point, thereby permitting a tool, such as a lever or a pair of pliers, to be easily applied to the retaining member to cut the latter or to pull it off from the post, in case it should be desired to remove or replace the fence wire.

A further object of my invention is to provide a metal fence post of the type described, having a maximum strength with a minimum of weight, so that it will withstand the blows of a sledge when it is being driven into position, and will also resist any tendency to break it from pressure applied laterally.

A further object of my invention is to provide a metal fence post which obviates the necessity of the punching of holes therein to attach the fence wire retaining members, thereby obviating the labor necessary to punch the holes and reducing the cost, as well as obviating the weakening of the fence post because of the holes.

Other objects and advantages will appear in the following specification, and the novel features of the invention will be particularly pointed out in the appended claim.

My invention is illustrated in the accom-

panying drawings, forming part of this application, in which—

Figure 1 is a perspective view, showing the fence post, and

Figure 2 is a horizontal section through the post.

In carrying out my invention, I make use of bars of rolled iron or steel, having a Y-shaped cross section, such as that shown in the drawings. It will be observed that two of the webs of the Y, such as the webs A and B, are provided with notches C on their edges, these notches being in axial alignment, and being curved to conform to the contour of the fence wire D.

The third web E has rolled therein notches F arranged to receive the retaining wire or staple G. The notches C and F are disposed in horizontal planes, corresponding to the location of the fence wire.

At H I have shown an anchor plate having wings extending outwardly, this plate being bent on a curve at its center to conform with the curvature between the webs A and B. The plate H is riveted to the web B at K, and is riveted to the web A at L. The underside of the anchor plate is curved as shown to facilitate being driven into the ground.

The post is sharpened at the bottom, that is to say, the webs A and B are curved inwardly to a point M at the bottom, while the web E, being relatively thin, forms with the webs A and B a chisel-like edge P at the bottom.

From the foregoing description of the various parts of the device, the operation thereof may be readily understood. The post is placed in position, with the web E substantially at right angles to the line of the fence, and is driven into the earth by means of the sledge or other suitable tool. The sharpened edge of the post facilitates the driving, and the anchor will enter the ground so as to prevent any twisting of the post under strain. Fence wires are placed in the notches C and are secured in position by means of the retaining wires or staples G, which are passed through the notches F and are twisted around the fence wires D in the manner clearly shown in the drawing. The construction permits the rapid application of the fence wires to the fence, where they are retained rigidly in position. The re-

taining members G cannot slip upwardly or downwardly, but, as will be observed from Figure 2, touch the fence merely at the notches F in the web E.

5 If it is desired to remove the staples, or to replace the wire, it can be quickly done by placing a rod or lever between the staple and one side of the post, and then prying the wire loose, or the wire may be cut between the rear portion and the front portion of the post, since room is permitted for a wire cutting tool, such as a pair of pliers, to slip between the staple and the body portion of the post.

10 15 A fence built of Y-shaped cross section has other advantages, one being that it is symmetrical, so that no matter from what angle it is viewed, the post has substantially the same appearance, as distinguished from

those fence posts which are made of L-shaped angle irons. Furthermore, the rearwardly extending web gives the post great strength, without increasing its weight in proportion.

I claim:

A fence post comprising a metal bar having webs joined together to form a structure of Y-shaped cross section, each web having notches spaced apart vertically at the edges thereof, the notches of one web being in horizontal alinement with the notches of the other webs, fence wires disposed in the notches of two adjacent webs, and a retaining wire secured to the fence wire outside of said adjacent webs and passing through the notch on the other web, said retaining wire being spaced from the surface of the webs between the outer edges thereof.

PERCY EDWIN EVANS.