(No Model.)

C. KINNEY.

FENCE POST.

No. 254,662. Patented Mar. 7, 1882.

Fig. 1

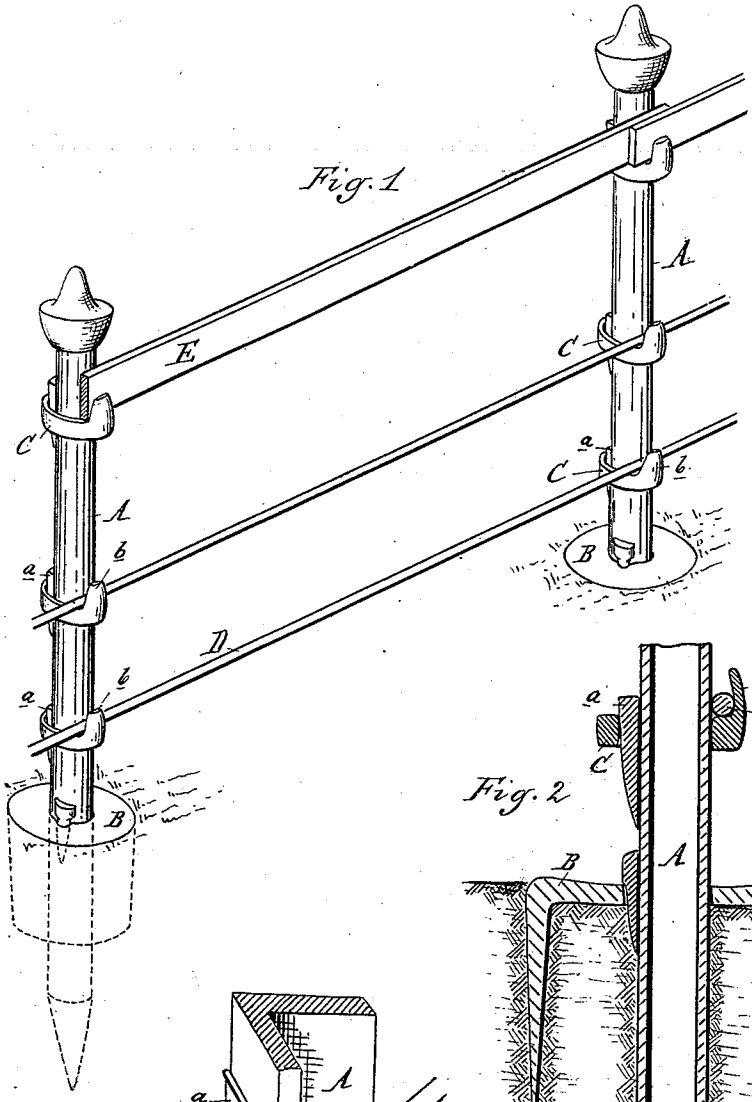


Fig. 2

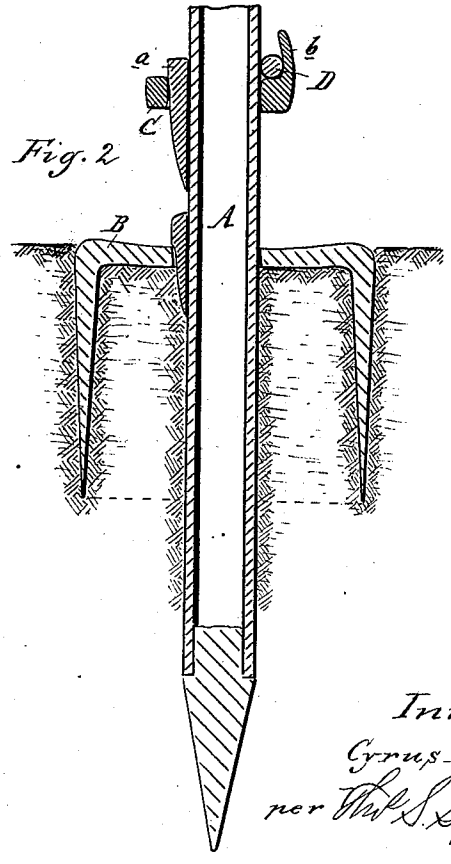
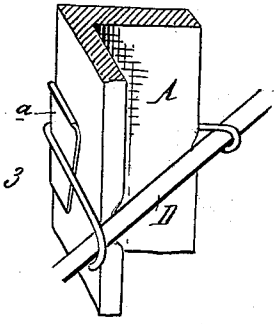


Fig. 3



Attest:
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UNITED STATES PATENT OFFICE.

CYRUS KINNEY, OF WINDSOR, ONTARIO, CANADA.

FENCE-POST.

SPECIFICATION forming part of Letters Patent No. 254,662, dated March 7, 1882.

Application filed January 11, 1882. (No model.)

To all whom it may concern:

Be it known that I, CYRUS KINNEY, of Windsor, in the county of Essex, Province of Ontario, and Dominion of Canada, have invented new and useful Improvements in Fences and Iron Posts for the Same; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, which form a part of this specification.

The nature of this invention relates to certain new and useful improvements in the construction of fences and of iron posts for the same.

The invention consists in the peculiar construction and combination of parts, as more fully hereinafter described.

Figure 1 is a perspective of a section or link of my improvement. Fig. 2 is a detached view of one of the posts driven into the ground, and showing the manner of securing it there. Fig. 3 is a modification.

In the accompanying drawings, which form a part of this specification, A represents an iron fence-post, the shaft of which is straight and of equal diameter in all its cross-sections. This post is provided at bottom with a point, by means of which and force applied to the top such post is driven into the ground a suitable distance.

B is a cylindrical cup with a hole through its bottom, which hole corresponds to the size in cross-section of the post. The vertical wall of the cup is thicker at its base than at the edge, for the purposes hereinafter stated. This cup might have its walls wedge-shaped, and it would be preferable if so made. After the post is driven this cup is inverted, so that the bottom thereof becomes the top, and is slipped over the head of the post and falls to the ground. Then it is driven into the ground until flush, or nearly so, with the surface, and by this means the earth around the post is compacted to firmly hold such post in its position. A series of oblong rings, C, are provided, the eye of such rings in their shortest cross-section being the same in dimension as the post; but in the longer cross-section such eye furnishes a recess in the rear of the post in which to insert and drive a wedge, *a*. Upon the front of each one of these rings there is provided an upwardly-projecting lip, *b*, a sufficient distance being left between the inner face of said lip and the front of the post to receive the wire D, if a wire fence is desired, or a strip of board, E, if a board panel is preferred. In operation these rings are adjusted vertically upon the series of posts at a proper height over the ground, and at proper distances apart on each post. The wire or board panel or other material used for panels is inserted between the lips and the front of the post, when the key in the rear thereof is driven home and the wire or panel thereby secured in place.

I do not desire to confine myself to any particular form of wedge-cup, as any other form than cylindrical may be employed, so long as it performs the office of wedging the earth about the foot of the post and protecting the earth surrounding the post from water or the action of the elements by the bottom of the cup, when inverted, forming a roof or water-shed at that point. After the posts are set and the fence constructed substantially as described, the top of the posts may be ornamented by knobs, urns, or other ornamental devices, although this is not a necessary portion of the invention.

The lower edge of the wedge may be turned up sufficiently to prevent the wedge from falling out, and will be found useful in shipping posts with rings on them.

It is not necessary that the post be round, for it may be of any form, so long as it is straight and with parallel sides, and the clamp must of course conform in the shape of the eye to the form of the post.

I am aware that fence-posts have heretofore been provided with adjustable wire and rail holders, and also with hollow bases adapted to enter the ground, and I do not broadly claim such invention.

What I claim is—

The post A, in combination with the inverted cup B, having a downward-projecting flange tapering inwardly from the lower to the upper edge, both post and cup being constructed to allow the cup to be driven into the ground after the post has been driven, whereby the tapering inner surface of the cup serves to compact the earth about the foot of the post, substantially as set forth.

CYRUS KINNEY.

Witnesses:
H. S. SPRAGUE,
E. SCULLY.