No. 740,933. PATENTED OCT. 6, 1903.

J. C. SIMMONS.

FENCE POST.

APPLICATION FILED FEB. 25, 1903.

NO MODEL.

Fig. 1.

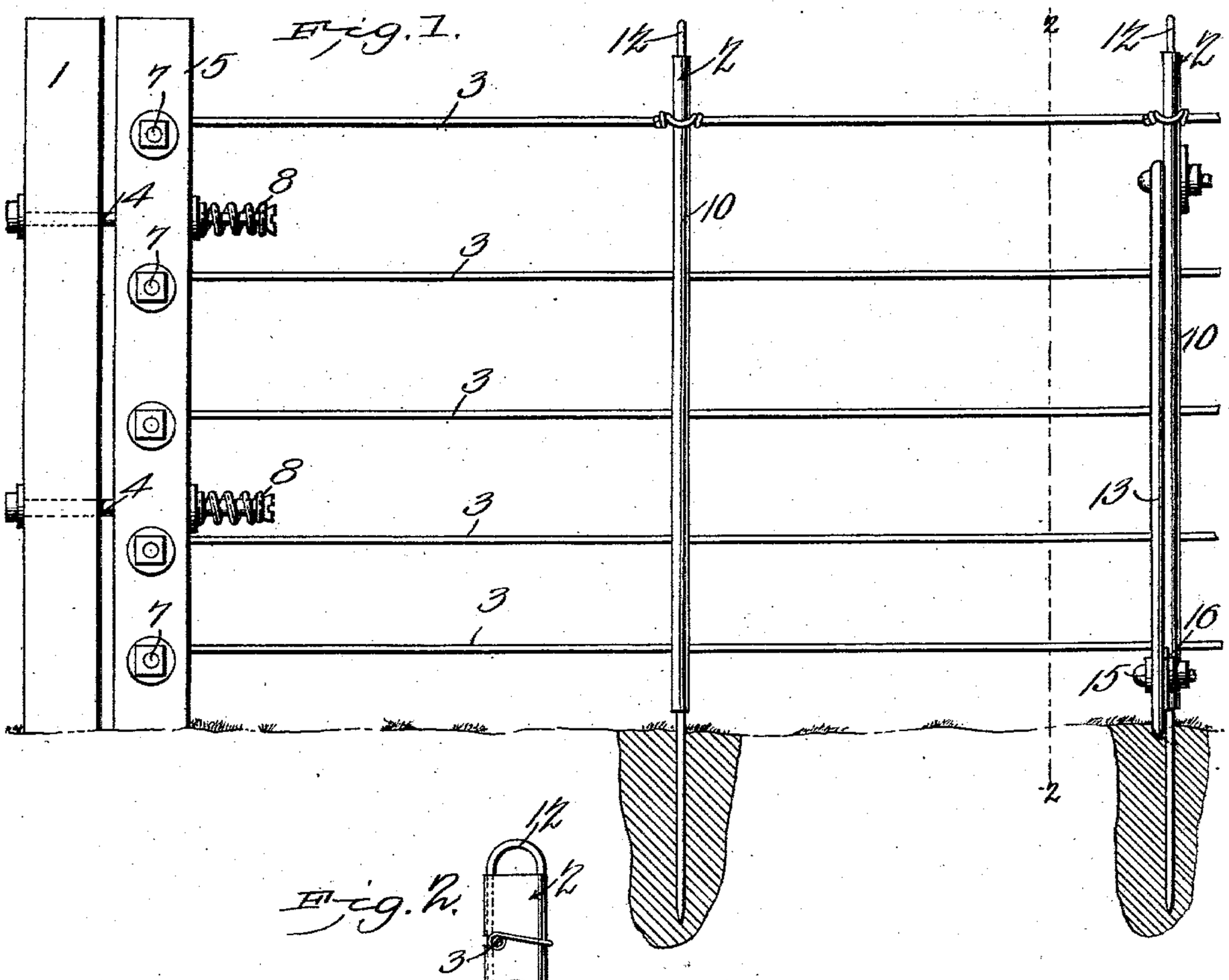


Fig. 2.

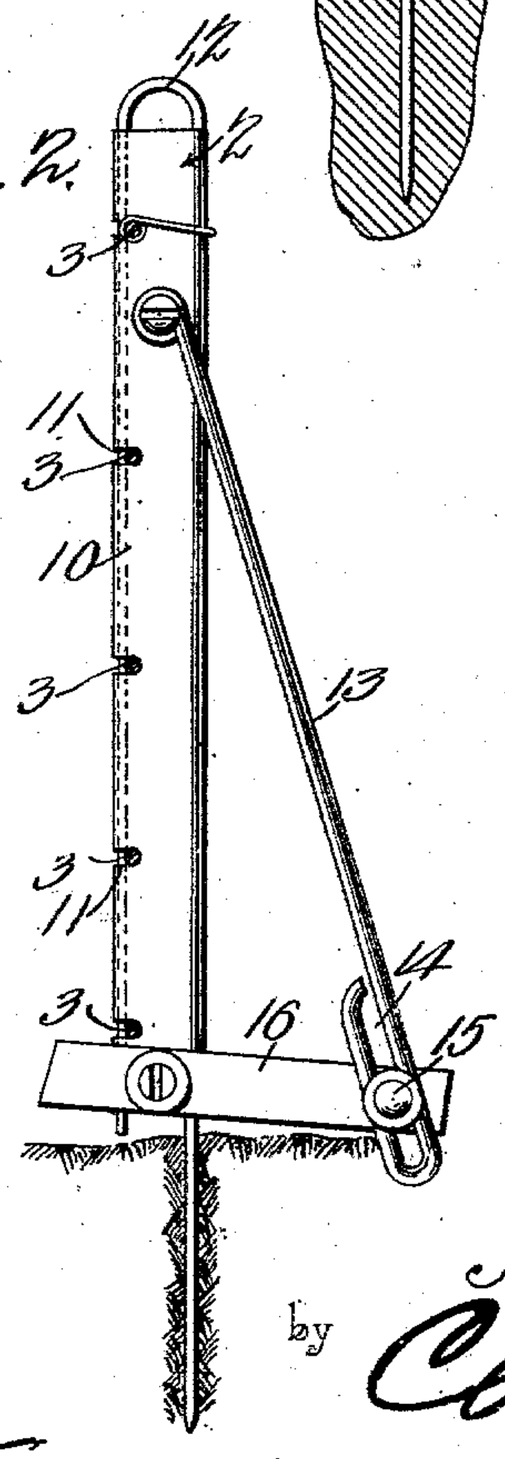
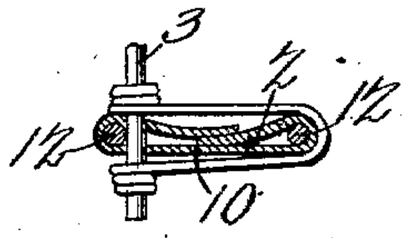


Fig. 3.



Witnesses
E. F. Stewart
F. L. Elmore

J. C. Simmons, Inventor.
by Cushman & Co
Attorneys

No. 740,933. Patented October 6, 1903.

UNITED STATES PATENT OFFICE.

JOSEPH C. SIMMONS, OF MARTINSVILLE, OHIO.

FENCE-POST.

SPECIFICATION forming part of Letters Patent No. 740,933, dated October 6, 1903.

Application filed February 25, 1903. Serial No. 145,050. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH C. SIMMONS, a citizen of the United States, residing at Martinsville, in the county of Clinton and State of Ohio, have invented a new and useful Fence-Post, of which the following is a specification.

My invention relates to fence-posts, and has for its objects to produce a device of this character of comparatively simple construction which in practice will be strong and durable, one in which the fence-wires may be readily engaged with the post or released therefrom, one in which the wires will have a free longitudinal movement for placing them under tension, and one in which the member which secures the wires to the post will serve to strengthen the latter and anchor the same in the ground.

To these ends the invention comprises thn novel details of construction and combinatioe of parts, more fully hereinafter described.

In the accompanying drawings, Figure 1 represents in elevation a wire fence having my improved posts applied thereto. Fig. 2 is a transverse sectional elevation on the line 2 2 of Fig. 1. Fig. 3 is a transverse section of one of the posts.

Referring to the drawings, 1 indicates a terminal post, 2 the intermediate posts, and 3 the horizontal line-wires, of a fence. Extending through the post 1 are horizontal bolts 4, which movably sustain a tension-bar 5, carrying transverse tension-bolts 7, to which the terminals of the line-wires are secured, the bar 5 being maintained yieldably longitudinally of bolts 4 by springs 8, through which arrangement the wires 3 are maintained under proper tension. These parts, however, with the exception of posts 2, constitute no part of my invention and may be of any ordinary or desired construction.

In accordance with my invention the intermediate posts or pickets 2 each comprise a sheet-metal blank bent longitudinally to form a hollow casing 10, having oppositely-disposed tubular edges and a U-shaped wire member 12. The casing 10 is provided with horizontal slots or recesses 11, which extend transversely inward from one of its tubular edges for the reception of the horizontal line-wires 3, which are seated in the slots and retained therein by means of the wire member 12, which extends through the casing in a position to close the slots. In this connection it is to be noted that the metal blank from which the casing is formed has its longitudinal edges overlapped at one side of the casing, which serves to materially strengthen the latter at its center, and that the opposite edges of the casing are strengthened by the member 12 extending therethrough. It is also to be noted that when the member 12 is in position for maintaining the wires in the slots it projects below the casing for entrance into the ground to serve as an anchor for the post.

The posts 2 are in some instances provided with brace members 13 in the form of suitable lengths of wire secured at their upper ends to the posts by bolts or the like passing through an eye formed by bending the wire of the brace and at their lower ends bent backward upon themselves to form slots 14, which receive bolts 15 for connecting them to the outer end of a horizontal arm 16, bolted to the lower end of the post. These braces may be readily adjusted, owing to the slot-and-bolt connection at their lower ends, with the horizontal arms to properly sustain the fence in its vertical position.

In the operation of setting up a fence the wires 3 are attached to the end posts as usual and placed under tension, and the intermediate posts 2 are applied by withdrawing the members 12, seating the wires of the fence in the sockets 11 of the metal cases 10, and then inserting the members 12 through the casing and driving their projecting ends into the ground for anchoring the post.

From the foregoing it will be seen that the posts 2 may be readily applied to or removed from the fence, as circumstances require, that the line-wires will have free movement longitudinally in placing them under tension, and that the wires may be readily released by withdrawing the members. It is further to be noted that the casing 10 terminates at the surface of the ground and that the post as a whole is anchored by the member 12 projecting below the casing, thus producing a simple and efficient post which will be comparatively inexpensive to construct and erect and one which will be extremely durable. In

attaining these ends I do not limit myself to the precise details herein shown and described, inasmuch as minor changes may be made therein without departing from the spirit of my invention.

Having thus described my invention, what I claim is—

1. A fence-post comprising a folded sheet-metal casing slotted transversely to receive fence-wires, and a U-shaped metal member inserted through the casing for strengthening the same and for maintaining the fence-wires in the slots, said member being extended below the casing to form an anchor.

2. A fence-post comprising a folded sheet-metal casing having opposite edges, one of them being slotted transversely to receive fence-wires, and a U-shaped metal member inserted through the casing for strengthening its opposite edges and for maintaining the fence-wires in the slots, said member being extended below the casing to form an anchor.

3. A fence-post comprising a hollow folded sheet-metal casing having opposite tubular edges, one of which is slotted transversely to receive fence-wires, the metal of the casing being overlapped at one side thereof, and a U-shaped metal member inserted through the opposite tubular edges of the casing for strengthening the same and for maintaining the fence-wires in the slots, said member being extended below the casing to form an anchor.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

JOSEPH C. SIMMONS.

Witnesses:
T. W. SIMMONS,
M. O. OUSLEY.