

No. 821,474

PATENTED MAY 22, 1906.

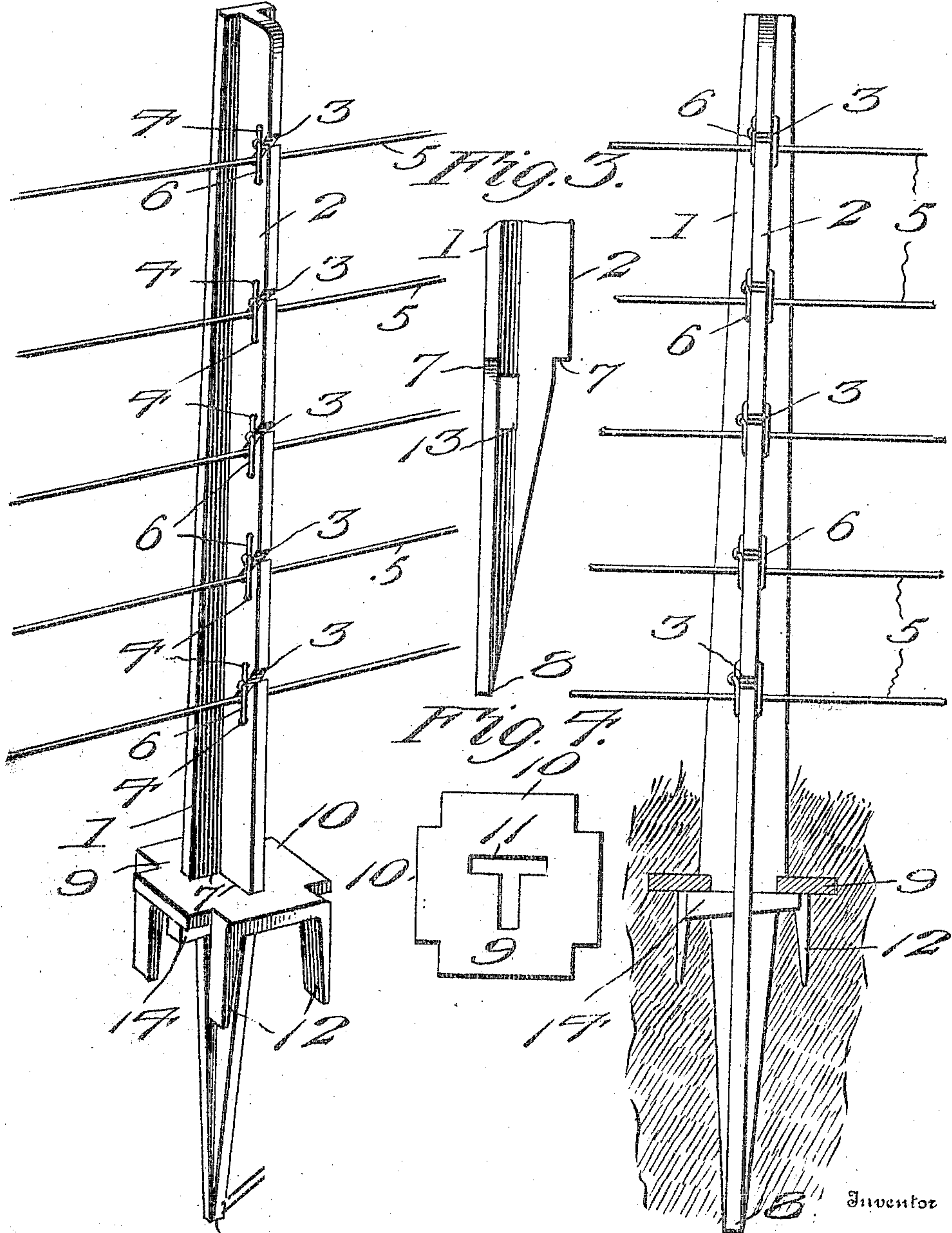
C. C. DOLAN.

FENCE POST.

APPLICATION FILED SEPT. 19, 1905.

Fig. 1.

Fig. 2.



Witnesses

Wm. Root.
David W. Gould.

Inventor

C. C. Dolan,
Victor J. Evans
Attorneys

Attorney

UNITED STATES PATENT OFFICE.

CHRISTOPHER C. DOLAN, OF LOCKPORT, NEW YORK.

FENCE-POST.

No. 821,474.

Specification of Letters Patent.

Patented May 22, 1906.

Application filed September 19, 1905. Serial No. 279,192.

To all whom it may concern:

Be it known that I, CHRISTOPHER C. DOLAN, a citizen of the United States, residing at Lockport, in the county of Niagara and State of New York, have invented new and useful Improvements in Fence-Posts, of which the following is a specification.

The invention relates to an improvement in fence-posts and anchor-plates therefor, comprehending specifically the construction of a full metallic post and anchor-plate designed for properly supporting the strand-wires of a fence.

The main object of the present invention resides in the production of a metallic post constructed and arranged to permit the ready and convenient securing thereto of the fence-wires and in an anchor-plate constructed for ready connection to or removal from the post and arranged to support the post rigidly against the possibility of accidental displacement.

The invention will be described in detail in the following specification, reference being had particularly to the accompanying drawings, in which—

Figure 1 is a perspective view of a fence-post constructed in accordance with my invention, the fence-wires being shown as secured thereto. Fig. 2 is a front elevation of the same, the anchor-plate being shown in sections to illustrate the fastening means therefor. Fig. 3 is a side elevation of the lower portion of the post, illustrating particularly the means for engaging the anchor-plate. Fig. 4 is a plan of the anchor-plate.

Referring to the drawings, my improved post comprises a metallic body T-shaped in section, the edges of the head 1 of which are slightly inclined from the vertical for the greater portion of the length of the post, thereby providing an approximately wedge-shaped face for the post.

The web 2 of the post, which is arranged centrally and longitudinally of the head 1, is formed with a series of regularly-spaced wire-receiving notches 3, said notches inclining downward from the free edge of the web and extending a sufficient distance transversely of the web to arrange the end wall or wire-seat of the notches on a plane below the entrance-opening to the notches. The web 3 adjacent to and immediately above and below each of the notches 3 is formed with a transverse opening 4, designed when the strand-wire 5 of the fence is seated in the

notch to receive a holding band or wire 6, which is passed through the openings 4 and its ends interlocked, as shown. The openings 4 are so arranged relative to the wire-receiving ends of the notch that the holding band or wires 6 when in position lie between the fence-wire 5 and the forward edge of the web 2, thereby providing a bar arranged transverse of the strand-wire and terminally secured to the web of the post on each side of the web and forward of the strand-wire, effectually preventing accidental disengagement of the wire from said post, and yet providing a simple readily-arranged means for securing the wires in place.

Near the lower end the side edges of the head 1 of the post and the free edge of the web 2 are cut away to provide shoulders 7, and from this point said head 1 and web 2 are gradually reduced in width toward the lower end of the post, terminating in a point or sharpened end 8.

9 represents the anchor-plate, being approximately square in plan and notched at the corners to provide projecting edges 10. A T-shaped opening 11 is formed centrally of the plate, being of a dimension to snugly receive the fence-post immediately adjacent and below the shoulders 7. From the edges of the projections 10 on two opposite sides of the anchor-plate depend wedge-shaped spurs 12, which may extend below the anchor-plate to any desired extent.

Immediately below the shoulder 7 the web 2 of the fence-post is formed with a transversely-arranged opening 13 of such dimension longitudinally of the web that when the anchor-plate is in place a portion at least of said opening will extend below the lower surface of said plate.

In assembling the parts the fence-post is inserted through the anchor-plate until the shoulders 7 bear squarely upon the upper surface thereof, after which a wedge-shaped key 14 is driven through the opening 13 below the plate, snugly binding the plate in place on the post and against the shoulder 7, it being understood that the opening 13 is so formed that the side of the key bears against the contiguous surface of the head 1 of the post, thereby assisting in maintaining the key in place and providing a broad bearing to prevent its twisting or bending.

The application of the various parts is fully apparent from the above description and drawings, it being evident that the

pointed end of the fence-post provides for the post being readily driven into the ground, while the spurs 12, depending from the anchor-plate, materially aid in preventing displacement of said plate when in use.

Having thus described my invention, what I claim as new is—

A fence-post comprising a metallic body T-shaped in cross-section and pointed at the lower end, said body being formed above the pointed end to provide shoulders, the web of the post adjacent said shoulders being formed with an opening, in combination with an anchor-plate formed with an opening corresponding in contour to the sectional shape of the post and arranged to receive the post ad-

jacent the shoulders, spurs formed integral with and depending from said plate, said spurs being extended from the corners of the plate to leave projecting members arranged intermediate and extending beyond the plane of the spurs, and a wedge-key adapted to be passed through the opening in the web and bear against the under surface of the anchor-plate and against the body of the post on each side of the opening.

In testimony whereof I affix my signature in presence of two witnesses.

CHRISTOPHER C. DOLAN.

Witnesses:

JOHN L. FLETCHER,
FABIUS S. ELMORE.