D. H. SMITH.

IRON FENCE POST.

APPLICATION FILED JAN. 7, 1913.

1,085,363. Patented Jan. 27, 1914.

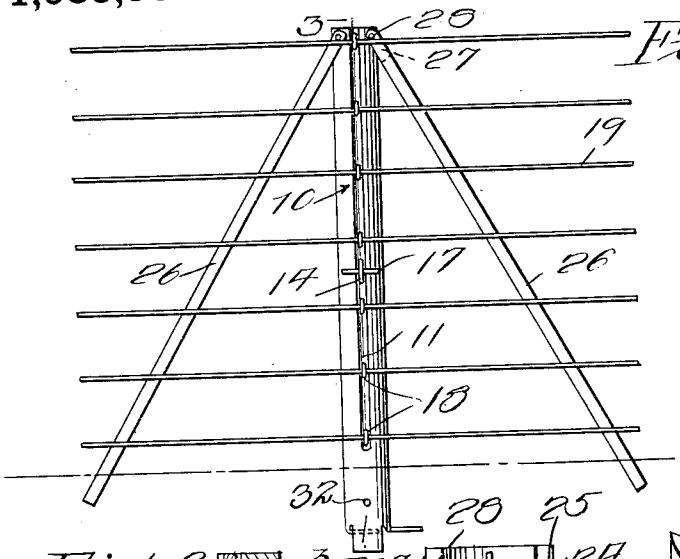


Fig. 1.

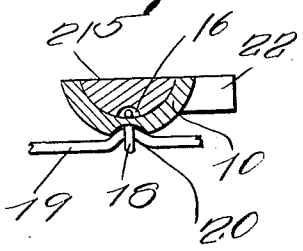


Fig. 2.

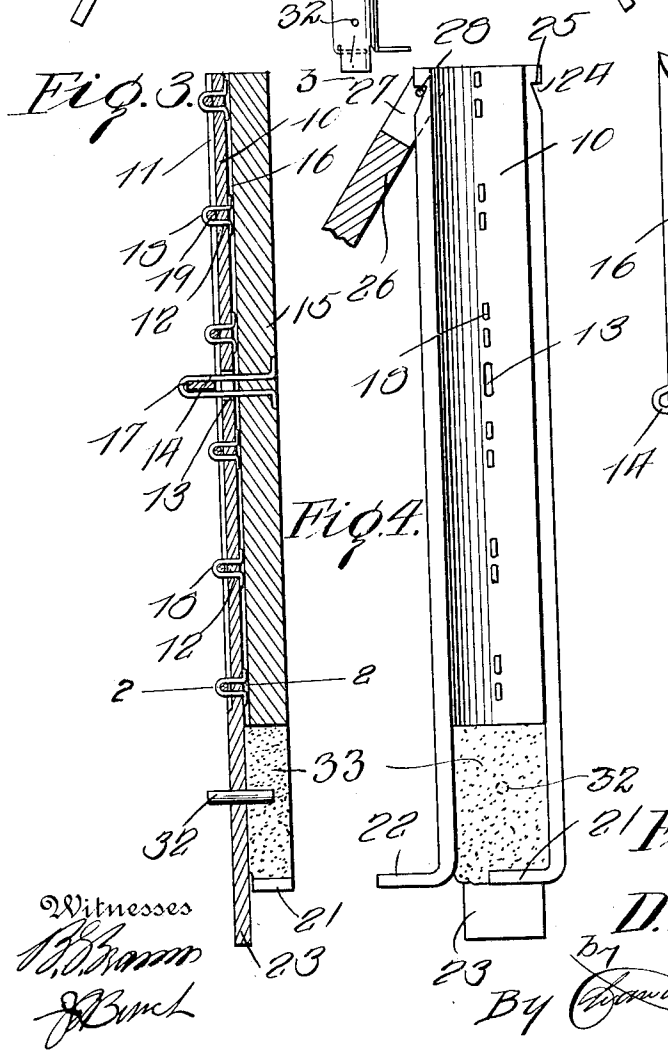


Fig. 3.

Fig. 4.

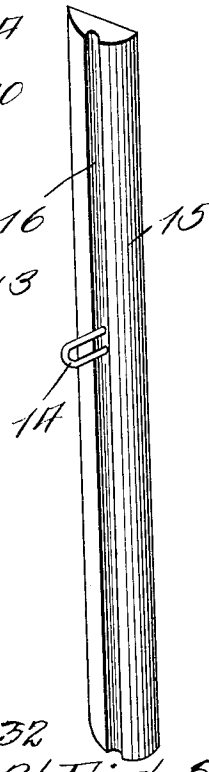


Fig. 5.

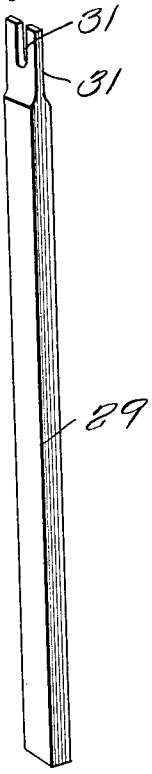


Fig. 6.

Witnesses

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IRON FENCE-POST.

1,085,363. Specification of Letters Patent. Patented Jan. 27, 1914.

Application filed January 7, 1913. Serial No. 740,650.

To all whom it may concern:

Be it known that I, DANIEL H. SMITH, a citizen of the United States, residing at Settlement, in the county of Van Buren, State of Arkansas, have invented certain new and useful Improvements in Iron Fence-Posts; and I do hereby 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 new and useful improvements in fence posts and more particularly to those constructed of metal or iron.

The primary object of the invention is to provide an improved fence post having novel means by which staples may be clenched to the post for the holding of the fence wires.

Another object of the invention is to provide a novel means for anchoring the post against displacement and also for bracing the same.

With the above and other objects in view, the invention resides more particularly in the peculiar combinations and arrangements of parts as will be partly illustrated as a preferred embodiment in the accompanying drawings and described in the specification, although the invention is protected for all desirable changes and uses within the scope of the invention as claimed.

Figure 1 is a front elevation of a post constructed in accordance with the invention. Fig. 2 is a horizontal cross sectional view taken on the line 2—2 of Fig. 3. Fig. 3 is a vertical sectional view taken on the line 3—3 of Fig. 1. Fig. 4 is a rear elevation of the fence post with the clencher bar removed. Fig. 5 is a detail perspective view of the clencher bar. Fig. 6 is a detail view of a brace member employed with the device.

As illustrated, the post is shown as embodying a semi-circular metallic section 10 having upon its front face and centrally of its width, a vertical groove 11 with which a series of pairs of openings 12, transversely through the post, communicate. A slot 13 is also provided through the post at the grooved portion and is adapted for receiving a projecting staple 14 carried by a clencher bar 15. This clencher bar 15 is of substantially semi-circular cross section, being constructed of metal and having a groove 16 vertically and centrally of its convex face to aline with the groove 11 in the convex face of the post when the staple 14 is engaged through the slot 13 of the post.

The clencher bar is held in position by a wedge 17 engaged through the staple 14 exteriorly of the post and serves to spread the staples 18 as the latter are driven into the series of openings 12, by causing their leg portions to follow the groove in the clencher bar and extend upwardly and downwardly or in opposed directions. The fence wires 19 engaged through the staples 18 are caused to be bent into the groove 11 as shown at 20 whereby said wires are more securely held to the post and preventing from shifting longitudinally. When the staples are secured in position, the wedge 17 is removed to permit removal of the clencher bar, it being understood that the bar is used for clenching the staples to all of the posts in a line of fencing.

In order to anchor the fence in the ground, the lower end thereof is provided with a series of wings, the same being formed by splitting the post at two points to provide an inwardly extending wing 21, an outwardly extending wing 22 and a depending wing 23 located centrally between the aforesaid wings, so that any tendency to fell the posts will be resisted by the earth exerting pressure against the wings. As a further means for bracing the post, the upper end thereof is provided with opposite notches 24 providing projections 25 thereabove and a brace 26 when formed of wood is provided at one end with a bifurcation 27 with a bolt 28 engaged through the bifurcations to engage in the notch while the other end of the brace is anchored in the ground. If the brace is formed of metal, as indicated at 29, one end thereof is tapered as shown at 30 and provided with a notch 31 for engaging the notch and projection of the post. In each instance the braces are disposed in an inclined position so that any tendency to cause the post to lean from one side to the other will be obstructed. A pin 32 is engaged with the post at its bottom, to enable the post to be elevated or taken up if desired to move the fence. The pin will fasten to the concrete 33 and will hold it in place while moving the post.

I claim:

1. The combination with a fence post

having a plurality of staple receiving openings and a further opening intermediate its ends, of a clencher bar adapted to engage the back of said fence post and provided with a loop extending through the last mentioned opening and a wedge to lock said clencher bar in position.

2. The combination with a fence post of semi-circular cross section and provided with a series of pairs of openings arranged in vertical alinement, said post further having a slot disposed intermediate said series of openings; of a clencher bar of semi-circular cross section and adapted to fit snugly within the post and extending over the entire series of openings, a loop extending from said clencher bar through the slot, and a wedge passing through the loop and engaging the outside of a post to hold the clencher bar firmly in position.

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

DANIEL H. SMITH.

Witnesses:
O. K. PRIVITT,
JESS CHILDERS.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."