J. LUCAS.

FENCE POST.

APPLICATION FILED APR. 3, 1913.

1,123,333. Patented Jan. 5, 1915.

Fig. 1.

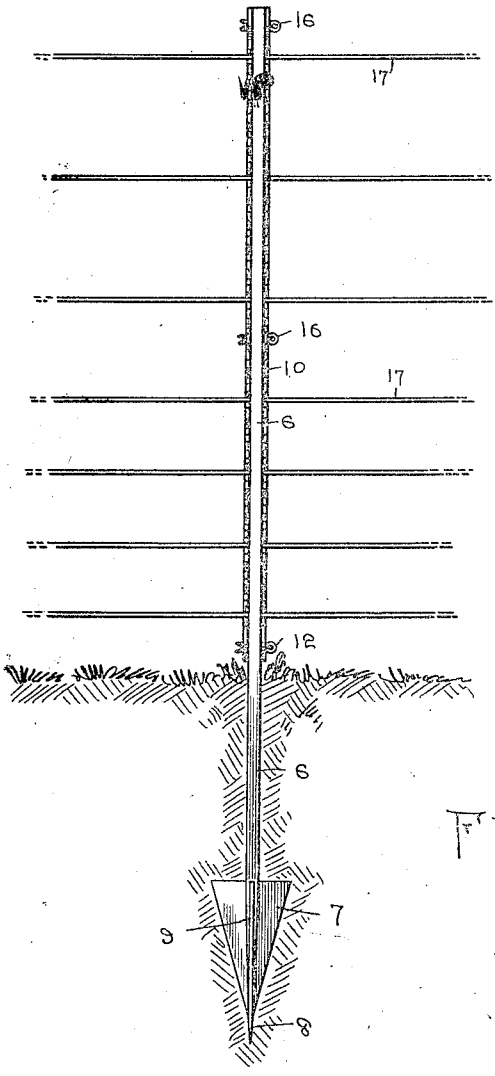


Fig. 2.

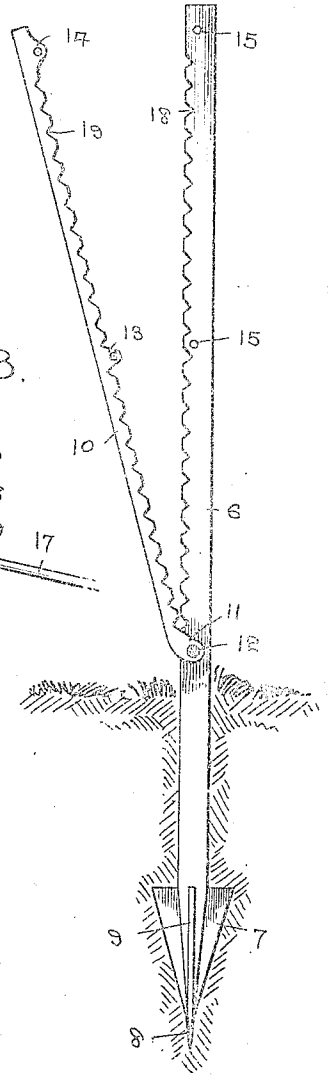


Fig. 3.

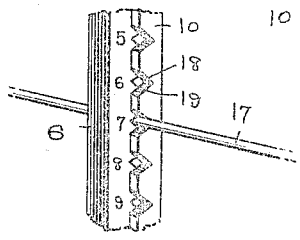


Fig. 5.

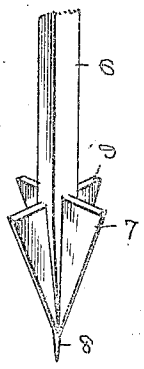
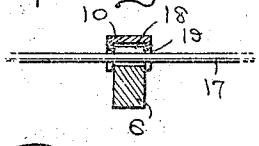


Fig. 4.



Witnesses

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FENCE-POST.

1,123,333. Specification of Letters Patent. Patented Jan. 5, 1915.

Application filed April 3, 1913. Serial No. 758,517.

To all whom it may concern:

Be it known that I, JOHN LUCAS, a citizen of the United States, residing at Alton, in the county of Sioux and State of Iowa, have invented certain new and useful Improvements in 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 fence posts, and it more particularly relates to fence wire and post connections.

An object of this invention is to provide an improved form of metallic fence post having a plurality of numbered or otherwise designated wire receiving notches and a quick detachable wire clamping element.

Another object is to provide a post of this character which is simple of construction, and consequently comparatively economical of manufacture.

Another object is to provide for quickly disconnecting the wires from a number of the posts, and then pressing and holding said wires down sufficiently near the ground to be driven over by an ordinary conveyance.

Other objects and advantages may be recited hereinafter and in the claim.

In the accompanying drawings, which supplement this specification, Figure 1 is an elevation view of the post as viewed from a side of the fence, the wires of said fence being locked in place. Fig. 2 is a view of the post in the longitudinal direction of the fence, before the wires are applied. Fig. 3 is an enlarged fragmental perspective view of a slightly modified form of the invention. Fig. 4 is an enlarged horizontal sectional view immediately above one of the wires, and, Fig. 5 is an enlarged perspective view of the pointed lower end of the post.

Referring to the drawings, in which similar reference characters correspond to similar parts throughout the several views, the main body 6 is provided with pairs of oppositely disposed angular wings 7, each pair being at right angles to the other pair, so that the vertical surfaces thereof converge toward the point of the body 6 and have their apices united and extended so as to form a sharp point 8. It will be seen, therefore, that the post may easily be driven into the ground, and that the horizontal top surfaces 9 of the wings constitute anchoring means for preventing easy removal of the post.

A securing-bar 10 is formed, from relatively heavy sheet metal, into the shape of a channel-bar, or is U-shaped in cross section. The distance between the sides of the channel-bar or securing-bar 10 is slightly greater than the thickness of the body 6, so that the latter may be inserted between said sides. Formed on the lower end of the securing-bar is a pair of ears 11, which are perforated for the reception of a pivot 12, which extends through an aperture (not shown) in the post 6. The pivot 12 may be of any suitable character, but in the present instance comprises a split key or cotter. The medial and upper portions of the bar 10 are provided with apertured ears 13 and 14 respectively, while the body 6 is provided with apertures 15, adapted to register with the apertures through the ears 13 and 14, for the reception of cotters 16 or other suitable means for securing the members 6 and 10 in normal position, wherein the wires 17 are tightly clamped between the members 6 and 10; each wire being seated within one of the notches 18 and one of the corresponding notches 19, as shown in Figs. 1, 3 and 4. The notches 18 and 19 may be spaced apart any suitable distance, preferably one inch or less, so that a large number of wires, or a small number or any intermediate number may be held thereby, and may be spaced apart to a greater or less extent, to suit the requirement.

In order that the wires may be quickly placed in position without danger of mistake, in placing the wires in the wrong notches, I may provide each post with a series of index characters of any proper kind, to distinguish each notch 18 from the other notches, so that, after the posts have been set, the desired number of wires may be stretched in contiguity therewith, having their ends secured by any usual means; and then, the fence maker may quickly place the wires in their respective notches, using the index characters, as indicated by numerals 5, 6, 7, 8 and 9 in Fig. 3, to designate the particular notch into which each wire is to be placed. For example, the top wire would be placed in the notches opposite the numeral 5, in all of the posts, while the next wire may be placed in the notch opposite the numeral 9, and therefore, by thus placing each of the wires with proper relation to

each other in the notches, all of the wires will be perfectly parallel with each other. After the wires are properly placed, the securing member 10 is forced into engagement with the wires, so as to clamp them tightly within the contiguous notches 18 and 19, whereupon, the keys or cotters 16 are inserted through the holes 14 and the corresponding holes of the member 6.

It is sometimes desirable to enter a field or inclosure from some point other than the gate which is provided for such purpose, especially in grazing districts, where large areas of land are inclosed by a fence, and heretofore this has been accomplished by drawing the securing staples from a number of the posts and then forcing the wires down to the ground and stapling them to adjacent posts, so that a vehicle may be driven over the wires between these adjacent posts. Then, the wires are released from this lowered position and re-stapled in their respective places. Under similar circumstances, when my improved fence posts are employed, it is only necessary to remove the cotters 16 from a number of the posts, so that the wires may be raised over or beyond the top of the member 10, of two adjacent posts, and these wires are then forced down to the ground, whereupon the member 10 is lowered thereover, so as to constitute a lever for retaining the wires in their lowered position until the vehicle has passed thereover; whereupon, the wires are again forced beyond the end of the members 10 and placed in their respective notches, and the securing-bar 10 is then raised and secured in position for clamping the wires, as previously described.

It will be seen that I have provided a fence post which is especially convenient in the construction of fences, and in the subsequent manipulation thereof; and I have also provided a post of this character which is fully capable of attaining the foregoing objects in a thoroughly practical and efficient manner.

I do not limit my invention to the exact details of construction, combination and arrangement of parts as herein set forth and described, but my invention may only be limited by a reasonable interpretation of the claim.

I claim:

A fence post comprising; a body member having a plurality of V-shaped notches cut into one face and a plurality of apertures cut through the medial line of said body member and running parallel to said notches, indicating means upon a neighboring face to the notched face, said indicating means indicating a specific notch, a securing-bar of channeled formation, said securing bar having a plurality of V-shaped notches on the channel sides adapted to register with the notches in the body member and having a plurality of parallel spaced ears having apertures near the ends thereof adapted to register with the apertures in the body member in such manner as to register the notches in the securing bar with the notches in the body member, with the body of the securing-bar exterior thereto, and means to pivot and lock said securing bar to the body member so that fence wire can be either clamped therebetween at an indicated point or retained temporarily below the securing-bar.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JOHN LUCAS.

Witnesses:
G. GLEYSTIEN,
MILO D. GIBBS.