C. F. UHLHORN

WIRE HOLDING CLIP FOR FENCE POSTS

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Fig. 1

Fig. 2

Fig. 3

Fig. 4

Fig. 5

Fig. 6

Fig. 7

Fig. 8

Fig. 9

Carl F. Uhthorn
INVENTOR.

BY

Attorneys
WIRE HOLDING CLIP FOR FENCE POSTS

Carl F. Uhlhorn, Lewistown, Mont.

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1 Claim.  (Cl. 248—216)

This invention relates to useful improvements and structural refinements in holders for fence wires, that is to say, holders whereby fence wire may be attached to the fence post, and the principal object of the invention is to provide holders of the character herein described which may be easily and conveniently applied to the fence post and wherein the fence wire may be applied or removed with equal expediency.

The further object of the invention is to provide fence wire holders which may be used in association with fence posts of various sizes and types.

Another object of the invention is to provide fence wire holders which are simple in construction, pleasing in appearance, and which will readily lend themselves to economical manufacture.

An additional object of the invention is to provide fence wire holders which are otherwise well adapted for the purpose for which they are intended.

With the above more important objects in view, and such other objects as may become apparent, as this specification proceeds, the invention consists essentially of the arrangement and construction of parts as illustrated in the accompanying drawings, in which:

Figure 1 is a side elevational view of the invention in situ on a fence post.

Figure 2 is a front elevational view thereof.

Figure 3 is a top view plan of the same.

Figure 4 is a side elevational view of a modified embodiment of the invention, such as may be used in association with a fence post of a different type as compared to that shown in Figures 1—3.

Figure 5 is a top view plan of the subject shown in Figure 4.

Figure 6 is a side elevational view of a further modified embodiment of the invention.

Figure 7 is a top view plan of the embodiment shown in Figure 6.

Figure 8 is a side elevational view of an additional embodiment of the invention, and

Figure 9 is a front elevational view of the embodiment per se shown in Figure 8.

Like characters of reference are employed to designate like parts in the specification and throughout the several views.

Referring now to the accompanying drawings in detail, particularly to Figures 1—3 inclusively, the invention consists of a fence wire holder designated generally by the reference character 15, the same being adapted for use in association with a fence post 16 having a substantially V-shaped cross-sectional configuration and includ-

The holder 18 embodies in its construction a single-piece wire rod having a convoluted link portion which constitutes what may be referred to as the spiral keeper 19, the latter providing at the center thereof a seat 20 wherein the fence wire 21 may be inserted through an externally accessible passage 22 existing between the convolutions of the keeper. That is to say, it should be understood that the material from which the keeper is formed possesses sufficient resiliency to facilitate insertion of the wire 21 in the direction of the arrows 23 into the seat 20 through the passage 22 as will be clearly apparent.

The end portions of the rod from which the holder 15 is formed are arcuated and angulated as is best shown in Figures 2 and 3 so as to provide a pair of mounting members 24, these being disposed in V-shaped formation and portions thereof being angulated around the edges of the sides 17 of the post 16 as indicated at 25. The keeper 19 of the holder 15 is in frictional engagement with the vertex portion 18 of the fence post 16, and it will be apparent that by virtue of this engagement, as well as by virtue of the retention of the members 24 upon the post sides 17, the entire holder 15 will be firmly and securely attached to the fence post. Needless to say, the wire 21 may be readily applied to or removed from the keeper 19, as has been already explained.

Referring now to the modified embodiment of the invention illustrated in the accompanying Figures 4 and 5, the same is designated by the general reference 30 and is similar in construction to the holder 15 with the exception that it is adapted for use in association with the fence post 31 having a cross-sectional configuration illustrated in the accompanying Figure 5.

In this instance, the keeper 32 of the holder 30 is in frictional engagement with the post 31, but the free end portions of the rod from which the holder is formed extend through a pair of apertures 33 provided for that purpose in the fence post. The inwardly extending ends of the holder are angulated as indicated at 34, so that the entire holder is firmly and securely retained in position of the fence post.

Referring now to the accompanying Figures 6 and 7, the same illustrate the further modified embodiment of the holder designated generally by the reference character 40, this being somewhat simpler in construction as compared to the holders 15 and 30, but nevertheless, being
formed from a single-piece of wire rod, one end portion of which is convoluted to provide a keeper 41, while its remaining end portion is angulated as is best shown in Figure 7, so that it may securely engage the cross-sectional configuration of a T-shaped fence post 42. It will be noted that the angulated end portion of the holder 40 engages one longitudinal edge of the flange 43 of the fence post as shown at 44, whereupon it extends through an aperture 45 provided in the web 46 of the fence post and is angulated around the head 47 of the web, as indicated at 48.

Finally, with reference to the accompanying Figures 8 and 9, the holder herein designated by the reference character 50 is similar to the aforementioned holder 40, including the keeper 51, configurated substantially as shown.

However, the holder 50 is provided with a pointed prong 52 which is adapted to be embedded into a wooden fence post 53, for which purpose the prong 52 may terminate in a pointed extremity 54, as will be clearly apparent. It will be observed that a portion of the holder 50 between the prong 52 and the keeper 51 is doubled upon itself as indicated at 55, the portion 58 providing a "head" so to speak, whereby the prong 52 may be hammered into the fence post.

It is believed that the advantages of the invention will be clearly apparent from the foregoing disclosure and, accordingly, further description thereof at this point is deemed unnecessary.

While in the foregoing there has been shown and described the preferred embodiment of this invention it is to be understood that minor changes in the details of construction, combination and arrangement of parts may be resorted to without departing from the spirit and scope of the invention as claimed.

Having described the invention, what is claimed as new is:

A wire holding clip for fence posts, said clip being formed integrally from a single rod doubled upon itself intermediate the ends thereof, the doubled intermediate portions of the rod being arcuated to provide a substantially C-shaped bill wherein the doubled rod portions are disposed in contacting relation in a common vertical plane, an arcuate continuation of the lower end of the inner rod portion affording a fence wire seat and extending upwardly and outwardly above the upper end of the outer rod portion and being spaced vertically therefrom to provide an open passage in communication with said seat, a substantially straight continuation of the lower end of the outer rod portion being divergent from the seat forming portion of the rod and being adapted to be anchored at its end to a fence post, the outer end of the passage-forming portion of the rod being doubled upon itself in contacting relation, a continuation of the last-mentioned doubled portion being divergent from the passage forming portion and being adapted to be anchored at its end to the stated fence post at a point spaced vertically from the first-mentioned end, the entire length of said rod between the end portions thereof being disposed in a single vertical plane.

CARL F. UHLHORN.

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