May 31, 1949. B. GROB 2,471,682

ELECTRIC FENCE POST

Filed Aug. 31, 1946

FIG. 1.

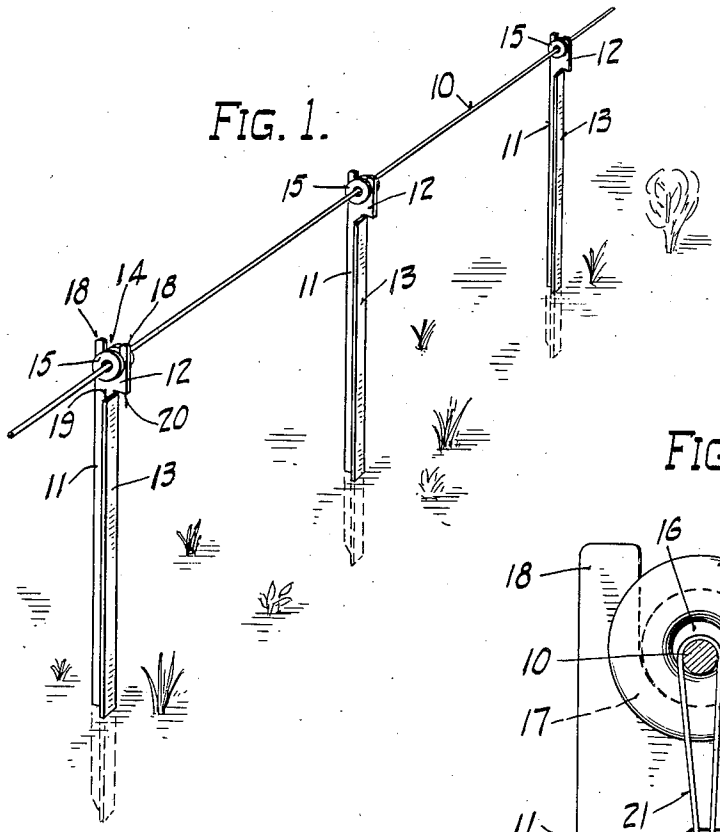


FIG. 2.

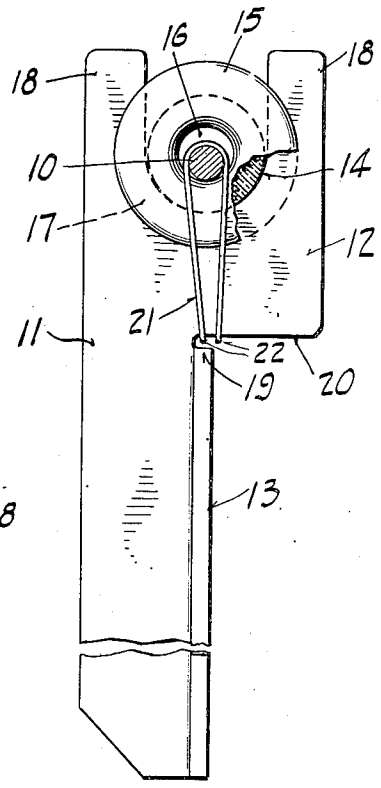


FIG. 3.

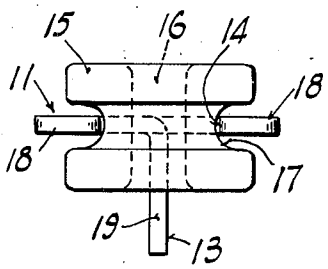
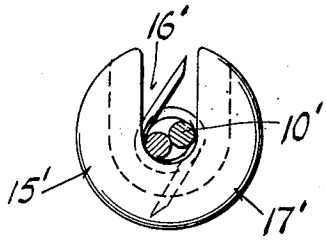


FIG. 4.



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ELECTRIC FENCE POST

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1 Claim. (Cl. 256—48)

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This invention relates to electric fences and particularly to fence posts therefor.

An object of the present invention is to provide an improved simple and inexpensive fence post specially designed to facilitate the erection, maintenance and removal of electric fences and to expedite the transfer of such fences from one grazing area to another.

Other more specific objects and advantages will appear, expressed or implied from the following description of an illustrative embodiment of the present invention.

In the accompanying drawings:

Figure 1 is a fragmentary view in perspective of an electric fence including fence posts constructed in accordance with this invention.

Fig. 2 is view in side elevation of one of the fence posts shown in Fig. 1.

Fig. 3 is a top plan view thereof.

Fig. 4 is a view in side elevation of a modified form of insulator usable with the fence post shown.

The wire fence shown comprises a single wire 10 supported by a series of posts 11 and electrically charged in any known or approved manner.

In this instance each post shown is formed of a relatively long narrow strip of steel cut to form a substantially flat head 12 at one end and bent throughout the remaining length thereof to form a longitudinal stiffening flange 13.

The head 12 is shown slotted at 14 to receive and support a circular insulator 15 of a well known type having a central opening 16 and an external peripheral groove 17. The slot 14 is preferably curved at its base and of such width that the fingers 18 at opposite sides thereof engage within the groove 17 to position and retain the insulator. Any suitable tie, such as a rubber band 21 applied over the wire 10 at opposite sides of the insulator 15 and with its opposite ends 22 looped beneath the head 12, may be employed to retain the insulator in the slotted head 12.

In erecting the fence an insulator 15 is mounted in the head 12 of each post 11 after the latter is driven into the ground and the wire 10 is threaded through the openings 16 in the several insulators for support thereby.

It will be noted that, before the insulator 15 is mounted in each post 11, the upper end 19 of the flange 13 thereof is exposed and forms a shoulder by which the post may be conveniently driven into the ground. Also the bottom of the head 12 provides a convenient shoulder 20 by which the post may be driven out of the ground when it is desired to remove or transfer the fence to a new or different area.

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If desired, a substantially U-shaped insulator such as shown at 15' in Fig. 4 may be used in place of the circular insulator 15 of Figs. 1 to 3. It will be noted that the insulator 15', is particularly well adapted for use with a barbed wire 10', since the open slot 16' thereof makes it possible to admit the barbed wire thereinto, thereby avoiding the necessity of threading the wire with its barbs therethrough as would be required with the insulator 15. Moreover, the straight sided external groove 17' of insulator 15' coacts with the slotted head 12 to retain the insulator 15' in upright position with the slot 16' directed upwardly. A tie member such as a rubber band 21 arranged in the manner shown in Fig. 2 may be used to retain the wire 10' in the slot 16'.

Various changes may be made in the embodiment of the invention hereinabove specifically described without departing from or sacrificing the advantages of the invention as defined in the appended claim.

I claim:

An electric fence post comprising an elongated metal strip transversely cut adjacent one end thereof to form a head portion separated from an adjacent edge portion of said strip, said edge portion being bent out of the plane of said head portion to form a longitudinally extended reinforcing flange for said strip, said head portion having an opening therein to receive and support a wire-supporting block of insulating material.

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