April 4, 1950 W. T. PERKINS 2,502,882

ELECTRIC FENCE

Filed Aug. 27, 1947

Fig. 1.

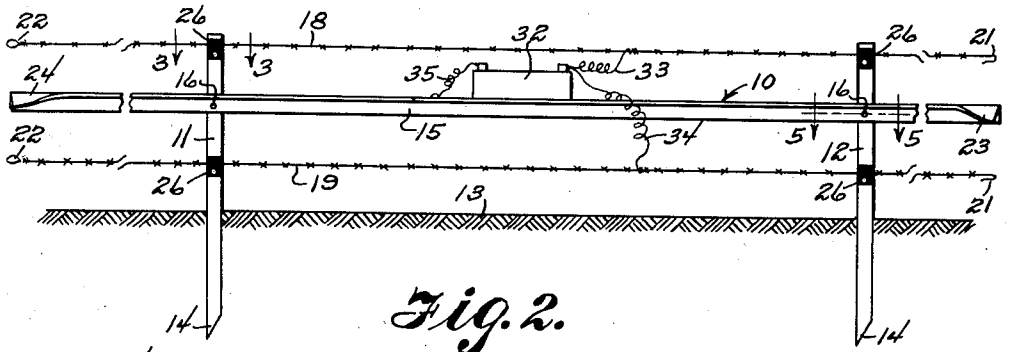


Fig. 2.

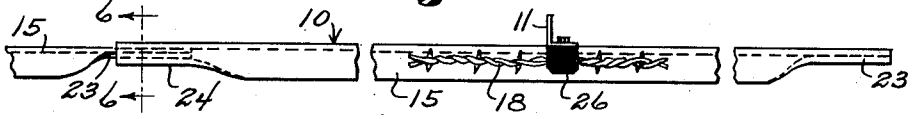


Fig. 3.

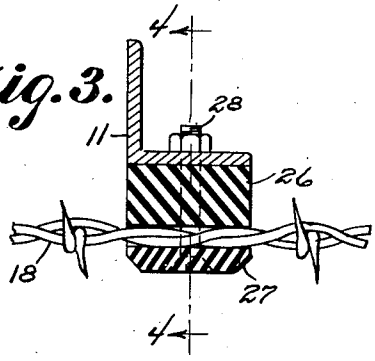


Fig. 4.

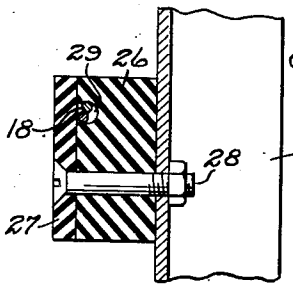


Fig. 5.

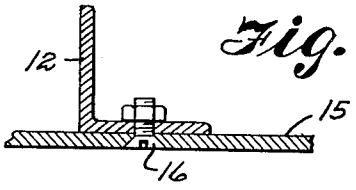
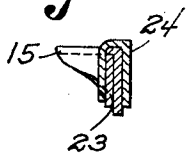


Fig. 6.



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ELECTRIC FENCE

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Application August 27, 1947, Serial No. 770,856

1 Claim. (Cl. 256—10)

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This invention relates to an electric fence.

It is an object of the present invention to provide electric fence units which can be quickly and easily assembled to one another and over the ground whereby to prevent when charged the passage of cattle from one side of the fence to the other.

It is another object of the present invention to provide an electric fence unit which includes barbed wire which has means at its opposite ends for the attachment of these ends with the ends of the adjacent units to provide one continuous extent of barbed wire along the fence.

Other objects of the present invention are to provide an electric fence unit which is of simple construction, inexpensive to manufacture, easy to set and efficient in operation.

For other objects and for a better understanding of the invention, reference may be had to the following detailed description taken in connection with the accompanying drawing, in which

Fig. 1 is a fragmentary and front elevational view of my fence units set up and with the charger connected thereto.

Fig. 2 is a top plan view of portions of a unit and of an adjacent unit attached therewith.

Fig. 3 is an enlarged transverse cross-sectional view taken through the upper end of a post as viewed on line 3—3 of Fig. 1.

Fig. 4 is a cross-sectional view of a portion of the post, in elevation, taken on line 4—4 of Fig. 3.

Fig. 5 is a fragmentary cross-sectional view taken through the fence unit on line 5—5 of Fig. 1.

Fig. 6 is a transverse cross-sectional view taken through the joint of the two fence units and through the connection of one with the other.

Referring now to the figures, 10 represents one of my electric fence units which comprises posts 11 and 12 adapted to be extended into ground 13. These posts are preferably made of metal and are pointed at their end as indicated at 14 to facilitate their movement into the ground. These posts are generally made of metal pieces of angular section. Between the posts and extending beyond the same is a long metal angle iron piece 15 joined to the posts by a pivot pin 16. When the units are disassembled from the ground, the posts can be pivoted along the longitudinally extending angle iron piece 15 so that the units can be easily stored without consuming space and without the interference being had with the posts during the storing operation. Above and below the angle iron piece are disposed barb wire lengths 18 and 19. This wire has hook connections 21 on one end of the unit and loops 22 on the opposite ends of the unit whereby these wires can be connected to the wires of adjacent units to provide a continuous extent of the barbed wire throughout the length of the fence made up by the units.

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The ends of the piece 15 are formed or depressed so that they can have a sliding fit with the ends of adjacent units. The piece 15 is folded as indicated at 23 at one end and at the opposite end the piece is folded so as to receive the end 23 as shown in Fig. 6 at 24. A sliding fit of the pieces 15 has been effected.

The barbed wires 18 and 19 are connected to the posts through an insulating block 26 by a clamping plate 27 and a bolt 28 which is fixed to the posts 11. The insulating block 26 has a recess 29 for receiving the wire. The electric discharger is indicated at 32 and is connected by wires 33 and 34 respectively to the barbed wires 18 and 19. The circuit is completed from the charger by connection of a ground wire 35 with the piece 15.

Having thus set forth and disclosed the nature of my invention, what is claimed is:

An electric fence unit comprising a pair of spaced posts adapted to be extended into the ground, a metallic bar adapted to extend substantially parallel to the ground and across said posts, pivot pins connecting said posts to opposite portions of said bar whereby upon removal of said posts from the ground the posts may be folded lengthwise of said bar, a pair of insulating blocks on each said ground post, each pivot pin being between the blocks of a pair, barb wire sections above and below said bar and substantially in the plane thereof, means securing said barb wire lengths to said insulating blocks substantially parallel to said bar, means at the opposite ends of said barb wire sections and bar for electrically connecting the same to like parts, respectively, of adjacent fence units, and a source of electrical energy connected across said bar and a bar wire section whereby an electrical circuit is established from said source through a post to the ground, to said barb wire section and back to said source.

WALTER TALMAGE PERKINS.

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