July 14, 1925. 1,546,094

F. M. MARBAUGH

FENCE

Filed Oct. 9, 1923

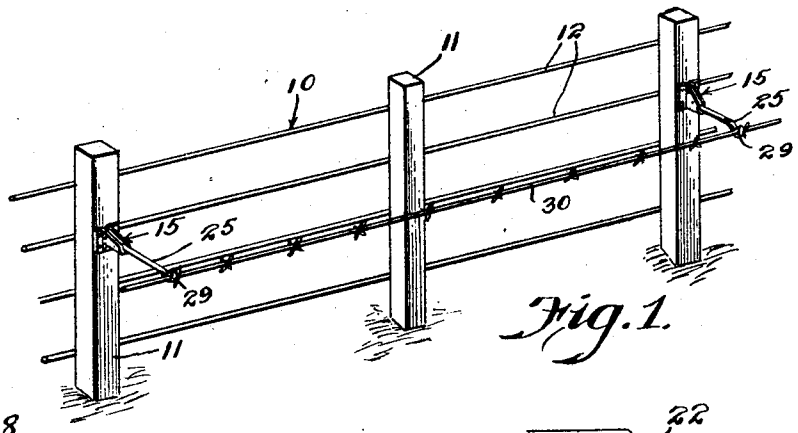


Fig. 1.

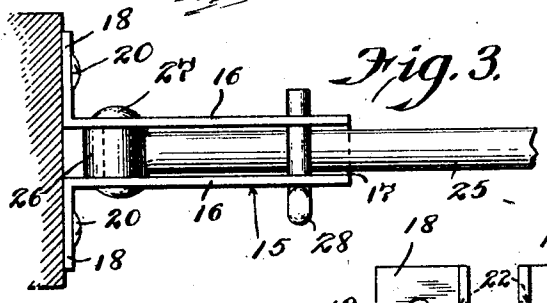


Fig. 3.

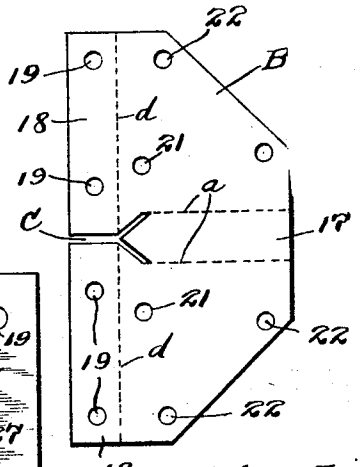


Fig. 5.

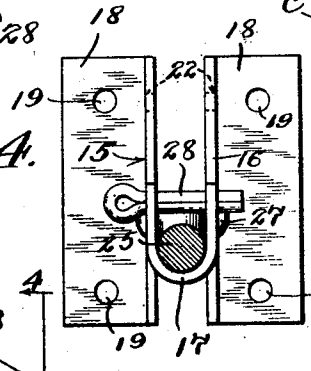


Fig. 4.

Fig. 2.

WITNESSES

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UNITED STATES PATENT OFFICE.

FRANCIS M. MARBAUGH, OF PLEASANT MILLS, INDIANA.

FENCE.

Application filed October 9, 1923. Serial No. 667,572.

To all whom it may concern:

Be it known that I, FRANCIS M. MARBAUGH, a citizen of the United States, and a resident of Pleasant Mills, in the county of Adams and State of Indiana, have invented certain new and useful Improvements in Fences, of which the following is a specification.

This invention relates in general to fences, and has for its object to provide a fence construction which will be effective to prevent horses and cattle from trampling down or leaning or bending over the elements making up the fence proper, thereby preserving the structural integrity of the fence and insuring the confinement of the animal.

Another object is to provide a device of this character and having the foregoing advantages and capacities and which is at the same time, of simple and durable construction, reliable in operation, and easy and comparatively inexpensive to manufacture.

Other objects and advantages reside in certain novel features of the construction, arrangement and combination of parts which will be hereinafter fully described and particularly pointed out in the appended claims, reference being had to the accompanying drawings forming a part of this specification, and in which:

Figure 1 is a fragmentary perspective view showing the fence constructed in accordance with the present invention,

Figure 2 is a view in side elevation of a bracket and arm detached from the fence,

Figure 3 is a fragmentary plan view showing a bracket and arm as applied to one of the posts of the fence,

Figure 4 is a view in vertical section on the line 4—4 of Figure 2, and

Figure 5 is a view of a blank from which the brackets are constructed.

Referring to the drawings, wherein for the sake of illustration is shown the preferred embodiment of the invention, the numeral 10 designates generally a fence which may include posts 11, and longitudinal fence wires 12 secured to the posts in any suitable or approved manner. A plurality of brackets designated generally at 15 are provided and are secured on certain of the posts 11 as will presently be described. Each bracket 15 may be constructed from a single piece of metal, in which event the bracket is preferably constructed from the blank B shown in Figure 5, the blank being first provided with a Y-shaped cut or incision C and, being next bent on lines *a* to provide spaced wings 16 and a curved stop plate 17 connecting the lower edges of the wings. The blank is further bent on the lines *d* to provide attaching flanges 18 which extend at right angles from each wing. Prior to the bending of the blank on the lines *a*—*a* and *d*, it is punched to provide holes 19 in the attaching flanges 18 to admit of the passage of screws 20 or other attaching means (see Figure 3), and to provide a pair of alined pivot openings 21 and a plurality of pairs of alined apertures 22.

An elongated rigid arm 25 is provided for each bracket 15. Each arm 25 has an eye 26 formed at its inner end. A pivot which may be in the form of a bolt or rivet 27 has its shank extending through the pivot openings 21 and through the opening of the eye 26 and in this manner, each arm 25 is pivotally mounted on the spaced wings 16 of its bracket 15.

The arms 25 in one position extend laterally inward from the fence, as shown in Figure 1, and in such position, may rest on the stop plate 17. In another position of adjustment, the arms 25 extend vertically from the brackets 15 as indicated in dotted lines in Figure 2, and in this position the arms 25 are spaced inwardly from, though substantially parallel to, the fence posts upon which the brackets 15 are mounted.

Means is provided for releasably holding the arms 25 in any of the positions to which they may be adjusted, and for this purpose, a pin 28 is provided for each bracket and selectively cooperable with any pair of apertures 22. Obviously, when the pin 28 is inserted in the apertures 22 which lie immediately above the arm 25, when the same is in a horizontal position and resting on the stop plate 17, as shown in Figures 1, 2, 3 and 4, it will serve to prevent upward displacement of the arms 25. On the other hand, when this pin 28 is inserted in the apertures 22 which lie just to the right of the arm 25 in its vertical position, as shown in dotted lines in Figure 2, the pin will prevent downward displacement of the arms 25. Preferably the pin 28 is in the form of a cotter key so that it may be conveniently and releasably secured in any pair of apertures 22.

The outer end of each arm 25 is provided with a keeper 29 as shown in Figure 2. In the assembly, these keepers 29 are horizontally alined as shown in Figure 1, and enable the arms to carry a strand of barbed wire 30.

When the fence constituted as above described, is used on pasture lands, the arms 25 are in horizontal position as shown in Figures 1, 3 and 4, and in full lines in Figure 2. In this adjustment the arms 25 extend laterally or horizontally in from the fence and dispose the strand of barbed wire 30 inwardly of the fence and in spaced relation thereto. With this arrangement, the cattle or horses in the pasture when approaching the fence, will first encounter a single strand of barbed wire 30 which will effectively deter them and prevent the animal from leaning or bending over or trampling down the fence proper.

When the fence is used to enclose cultivated land, the arms 25 are positioned as shown in dotted lines in Figure 2 so as not to interfere with the cultivation of the entire area of the field. The ends of the strand of barbed wire 30 are tied or secured by suitable fastening devices to the arms 25 which lie or occur at the ends of the field.

I claim:

1. The combination of a bracket having a pair of spaced wings, an arm, a pivot for swingably mounting the arm on the spaced wings, said bracket also having a stop plate for limiting the downward movement of the arm, said wings having a plurality of pairs of alined apertures, and a pin selectively cooperable with any pair of alined apertures and engageable with said arm for releasably holding the arm in adjusted position.

2. In combination with a fence, a plurality of brackets mounted on posts of the fence, each bracket including a pair of spaced wings having attaching flanges fastened to the post upon which the bracket is mounted, said bracket also having a stop plate connecting the spaced wings, said spaced wings being provided with a plurality of pairs of alined apertures, an elongated rigid arm for each bracket, a pivot for swingably mounting the inner end of each arm on the wings of the bracket, each arm being engageable with the stop plate in one adjustment whereby the downward movement of the arm is limited, a pin selectively cooperable with the pairs of apertures and engageable with said arm for releasably holding the arm in adjusted position, each arm having its outer end provided with a keeper, and a strand of barbed wire carried by the keepers at the outer ends of the arms of the brackets.

FRANCIS M. MARBAUGH.