Dec. 28, 1926. 1,612,604

O. A. BRANDEN

MEANS FOR GUARDING WIRE FENCES

Filed Jan. 25, 1926

Fig. 1.

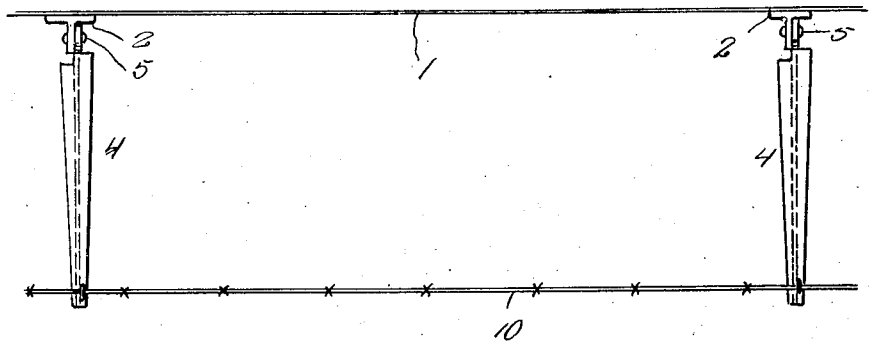


Fig. 2.

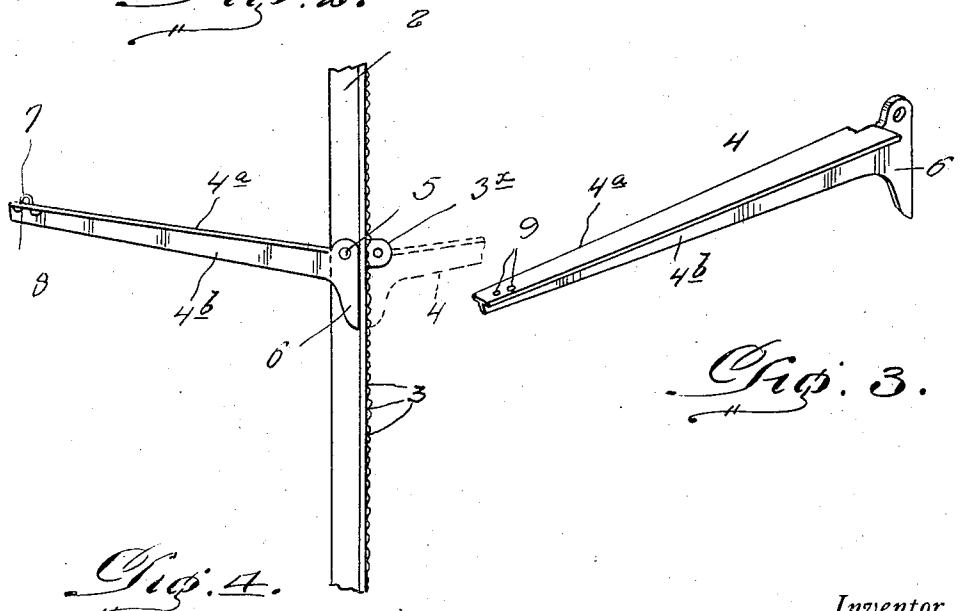
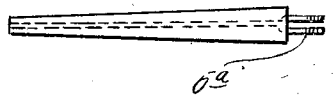


Fig. 3.

Fig. 4.



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UNITED STATES PATENT OFFICE.

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MEANS FOR GUARDING WIRE FENCES.

Application filed January 25, 1926. Serial No. 83,663.

My present invention has to do with fences and more particularly woven wire fences; and it contemplates the provision of simple, easily applied and efficient means for preventing stock from closely approaching and breaking or destroying woven wire and other wire fences.

To the attainment of the foregoing, the invention consists in the improvement as hereinafter described and definitely claimed.

In the accompanying drawings, forming part of this specification:—

Figure 1 is a top plan view illustrating my novel guard means as properly arranged relative to a line of fence.

Figure 2 is a fragmentary view in elevation, taken at right angles to Figure 1 and showing the guard means constituting the preferred embodiment of my invention.

Figure 3 is a detail perspective of one of the bracket arms comprised in my improvement.

Figure 4 is a fragmentary top plan view illustrative of a modification hereinafter explicitly referred to.

Similar numerals designate corresponding parts in Figures 1 to 3 to which reference will first be made.

I show in Figures 1 and 2 a woven wire or other wire fence 1, including at intervals in its length upright posts 2 of T-form in horizontal section with notches 3 throughout the height of the head or flat portion and to which the wire fencing is attached in conventional manner. In the arrangement illustrated the wire fencing is arranged against the head of the T-portion of each post, and the stem of each post is arranged at the opposite side of the head, with respect to the fencing 1. The flat side or head of the post is also provided at 3^x with an apertured lug.

In furtherance of my invention bracket arms 4, preferably of T-form in vertical section, are pivotally or hingedly connected at 5 to the stem portion of the post 2. The said bracket arms 4 are arranged with their head portions 4^a above their stem or web portions 4^b, and each is provided with a pendent heel portion 6, adapted to bear, as shown in Figure 2, against the head portion of its respective post 2, so as to hold the bracket arm against downward movement beyond the horizontal position illustrated in Figure 2. The pendent heel portion 6 alluded to rests closely adjacent to one side of the stem of the post and is adapted to bear solidly against the adjacent portion of the post head, for the purpose indicated. When deemed expedient each bracket arm 4 may be bifurcated at its heel end to afford two spaced pendent portions 6^a, Figure 4, adapted to receive between them the stem of the post and to bear solidly against the head of the post at opposite sides of the said stem. In either case it will be manifest that the bracket arm or arms may be swung upwardly from the positions illustrated on the posts 2, but cannot be swung or moved downwardly beyond said position.

The head portions of the bracket arms which are above the stem portions thereof, as shown, are each provided with a pair of apertures located at points adjacent to the free ends of the arms. The said apertures are to receive the legs of staples 7, which legs are appropriately secured to the arms as designated by 8 in Figure 2. The apertures alluded to are clearly shown in Figure 3 and are designated by 9.

Extending through the staples 7 of the several bracket arms in connection with the fence posts is a wire 10 designed to prevent stock from approaching close to and injuring the fence 1. Manifestly within the purview of my invention, the said wire 10 may be a barbed wire or may be altogether free of barbs or other projections in the discretion of the manufacturer and the user of my improvement.

It will be manifest from the foregoing that my improvement while simple and inexpensive in construction and susceptible of ready installation, may be depended upon to serve the purpose ascribed to it—i. e., to prevent cattle from approaching closely to and rubbing against or pressing against or otherwise injuring the woven wire or other fence proper.

The lug 3^x is for the attachment of an arm similar to the arm 4 at the lug side of the fence 1 when stock is to be pastured at both sides of the fence 1 and it is desired to protect the fence 1 by guard wires 10 spaced from the fence 1 at opposite sides thereof.

The construction herein disclosed is the best practical construction of which I am aware and I therefore prefer the same. I do not desire, however, to be understood as confining myself to immaterial features of construction and relative arrangement, my invention being defined by my appended

claims within the scope of which changes in structure and changes in arrangement may be made without departure from my invention.

Having described my invention, what I claim and desire to secure by Letters-Patent, is:—

1. The combination of a fence having a wire portion and posts of T-form in horizontal section arranged with their stems at the opposite sides of their heads, with reference to said wire portion, and guard means including a guard wire maintained in spaced relation to the wire portion of the fence, and bracket arms supporting and carrying said guard wire, said bracket arms having major portions of T-form in vertical section and also having their stems extended beyond their heads at the heel ends of the arms and provided at said ends with portions pivotally connected to the stems of the fence posts and with other pendent portions arranged alongside the stems of the fence posts and adapted to bear solidily against the inner sides of the heads of the fence posts.

2. The combination of a fence having a wire portion and posts of T-form in horizontal section arranged with their stems at the opposite sides of their heads, with reference to said wire portion, and guard means including a guard wire maintained in spaced relation to the wire portion of the fence, and bracket arms supporting and carrying said guard wire, said bracket arms having major portions of T-form in vertical section and also having their stems extended beyond their heads at the heel ends of the arms and pivotally connected to the stems of the fence posts and also having pendent portions arranged alongside the stems of the fence posts and adapted to bear solidily against the inner sides of the heads of the fence posts.

In testimony whereof I affix my signature.

OTTO A. BRANDEN.