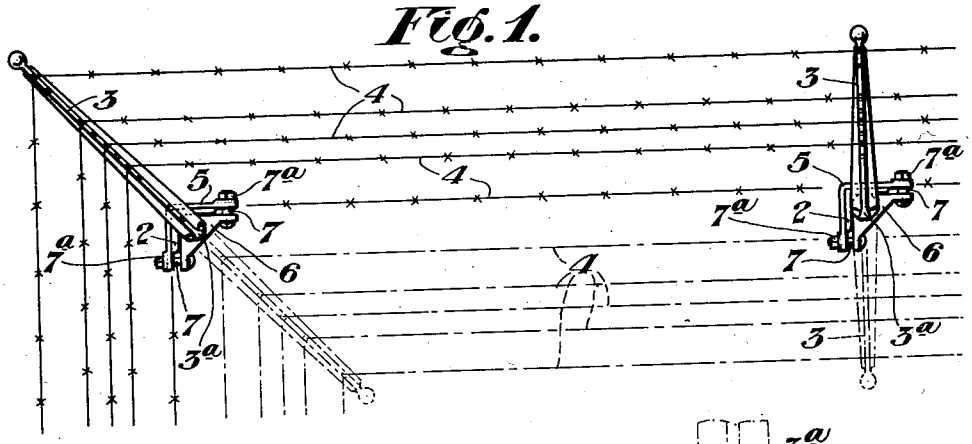
Nov. 13, 1934. R. DANDLIKER 1,980,852

FENCE POST EXTENSION ARM

Filed Dec. 29, 1933

Fig. 1.



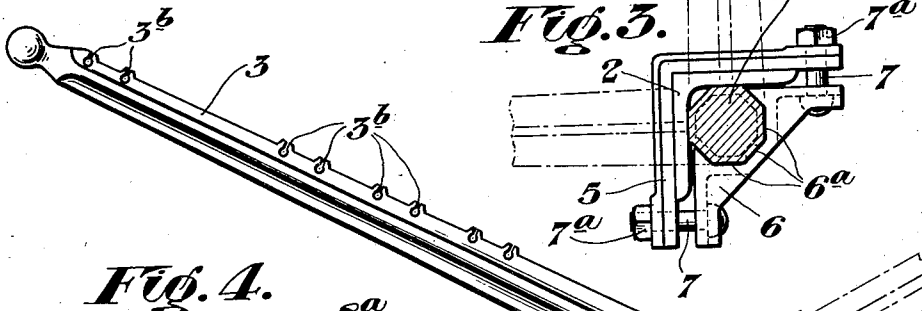


Fig. 3.

Fig. 4.

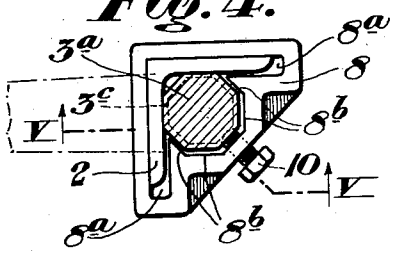


Fig. 2.

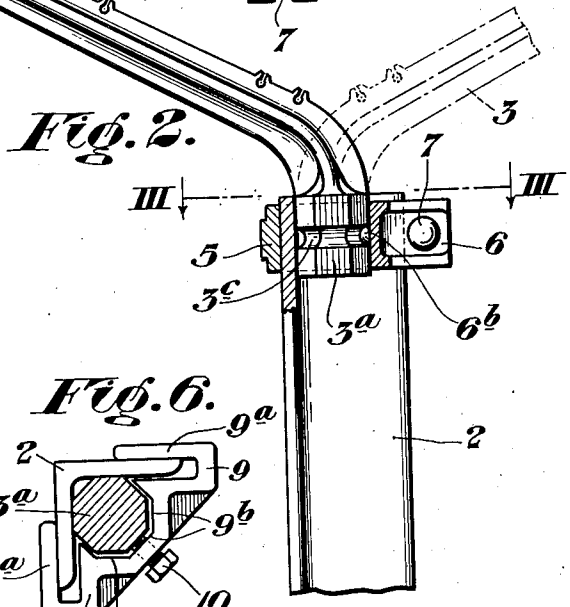


Fig. 5.

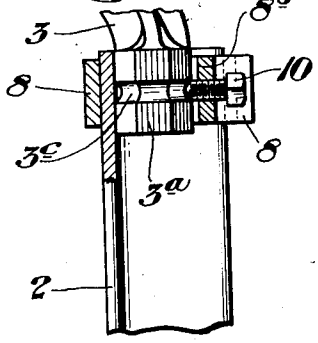


Fig. 6.

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UNITED STATES PATENT OFFICE

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FENCE POST EXTENSION ARM

Rudolph Dandliker, Chicago, Ill., assignor to The American Steel and Wire Company of New Jersey, a corporation of New Jersey

Application December 29, 1933, Serial No. 704,562

4 Claims. (Cl. 256—11)

This invention relates to improvements in fence post extension arms, and has for one of its objects the provision of a novel structure together with novel means for securing the same to a conventional angular fence post.

Another object of the invention is to provide an improved fence post extension arm which may be made to occupy one of a number of adjusted positions, in extending either inwardly or outwardly from the fence line while supporting suitable fencing material, such as barbed wire, together with improved clamping means for maintaining the structure in its adjusted position.

These and further objects will appear after referring to the drawing, in which:

Figure 1 is a plan view of the apparatus of the invention installed in use.

Figure 2 is an elevation, shown partly in section.

Figure 3 is a plan view, showing the base of the extension arm of the invention in section, and taken on line III—III of Figure 2.

Figure 4 is a plan view of a modification, showing the extension arm in section.

Figure 5 is a sectional elevation taken along the lines V—V of Figure 4.

Figure 6 is a plan view of a further modification, showing the extension arm in section.

Referring more particularly to the drawing, the numeral 2 designates an angular fence post of conventional design. An extension arm 3 is adapted to be secured to the fence post 2 and is provided with a base portion 3^a which is shown in the drawing as being polygonal in shape and having a continuous groove 3^c. The fence post extension arm 3 is also provided with a plurality of apertures 3^b for receiving fencing, such as the barbed wire 4.

The numeral 5 designates a right angular clamping member, which is adapted to seat against the outside of the similarly shaped fence post 2. A cooperating clamping member 6 is provided with a number of relatively angular surfaces 6^a, conforming to those of the base portion 3^a of the fence post extension arm, and an integral projection 6^b which is adapted to seat in the groove 3^c. The base portion 3^a of the fence post extension arm is disposed between the inside of the angle of the fence post and in contact therewith, and is received on its other surfaces by the corresponding surfaces 6^a in the clamping member 6, which is secured to the outside clamping member 5 in any suitable manner, such as the bolts and nuts 7 and 7^a, respectively.

Referring to Figure 4 of the drawing, a modified and continuous clamping member is shown at 8, and is provided with a continuous recess 8^a for the angular fence post 2, and a plurality of surfaces 8^b conforming to those of the base portion 3^a of the extension arm. A screw 10 is threaded through the continuous clamping member 8 and seated in the continuous groove 3^c in the base portion 3^a for rigidly clamping the extension arm to the fence post.

Referring to Figure 6, a further modification is shown and comprises a single clamping member 9 provided with clamping fingers 9^a for making contact with the outer sides of the ends of the flanges of the fence post, the remainder of the construction being the same as that of the modification shown in Figures 4 and 5.

While I have shown and described several specific embodiments of my invention it will be understood that I do not wish to be limited exactly thereto, since various modifications may be made without departing from the scope of my invention, as defined in the following claims.

I claim:

1. In combination with an angular fence post, a vertically inclined extension arm provided with a base portion having a plurality of contact surfaces, a continuous groove in said base portion, a continuous clamping member enclosing said fence post and the base of said extension arm, and a screw associated with said clamping member and adapted to seat in said continuous groove.

2. In combination with an angular fence post, a vertically inclined extension arm having a base portion provided with a multiplicity of contact surfaces, a right angular clamping member adapted to make contact with the outside of said angular fence post, a cooperating second clamping member having surfaces conforming to those at the base portion of said extension bar, and fastening means for clamping said base portion between the inside of said angular fence post and said last named clamping member.

3. In combination with an angular fence post, a vertically inclined extension arm provided with a base portion of polygonal shape, a clamping member provided with fingers for making contact with the outside of said angular fence post and receiving surfaces for said polygonally shaped base portion, and means associated with said clamping member for rigidly holding said base portion against the inside of said angular fence post.

4. In combination with an angular fence post, a vertically inclined extension arm provided with a base portion of polygonal shape, said base portion having a groove and a clamping member having surfaces conforming to those of said base portion and a projection adapted to seat in said groove, said clamping member being adapted to rigidly secure said extension arm to said fence post.

RUDOLPH DANDLIKER.