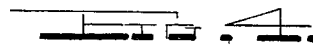
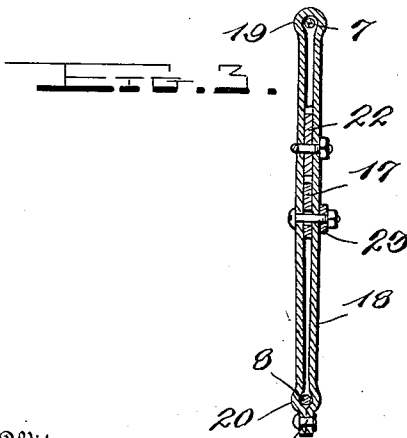
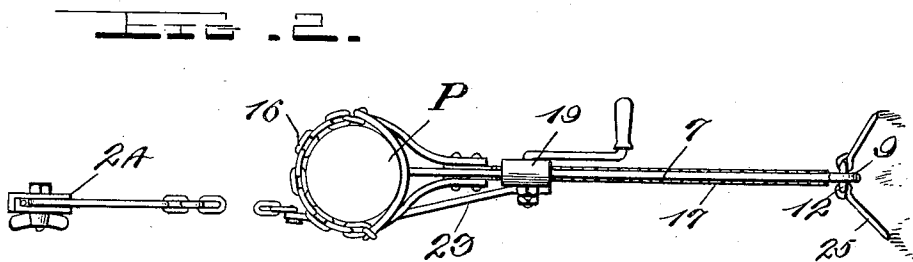
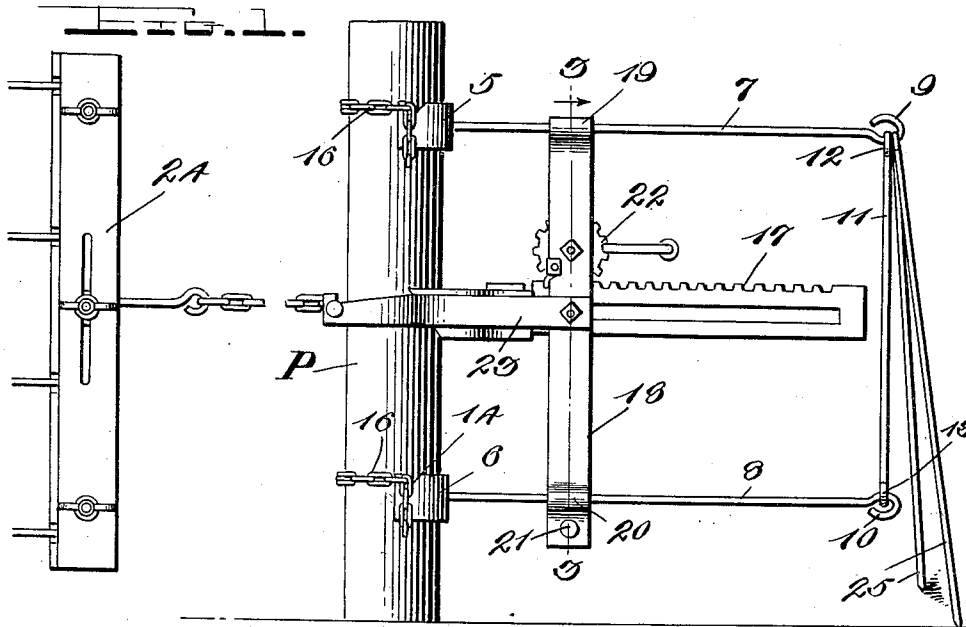


P. McMILLAN.
ANCHORING DEVICE FOR WIRE STRETCHERS.
APPLICATION FILED FEB. 7, 1912.

1,064,238.

Patented June 10, 1913.



Witnesses

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PETER McMILLAN, OF MONANGO, NORTH DAKOTA.

ANCHORING DEVICE FOR WIRE-STRETCHERS.

1,064,238.

Specification of Letters Patent.

Patented June 10, 1913.

Application filed February 7, 1912. Serial No. 676,042.

To all whom it may concern:

Be it known that I, PETER McMILLAN, a citizen of the United States, residing at Monango, in the county of Dickey and State of North Dakota, have invented certain new and useful Improvements in Anchoring Devices for Wire-Stretchers, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to anchoring devices for wire stretchers and more particularly to a device of that character shown and described in my prior application for patent filed July 10th, 1911, Serial No. 637,658; which discloses subject matter embodied in the present application.

The primary object of the present invention is to provide simple and novel means for supporting the wire stretching mechanism in operative position upon a fence post or other permanent support.

Another object of the invention is to provide a device of the above character which may be easily and quickly mounted upon the post, said device including means for movably supporting one of the elements of the wire stretcher.

With the above and other objects in view, the invention consists of the novel features of construction, combination and arrangement of parts hereinafter fully described and claimed, and illustrated in the accompanying drawings, in which—

Figure 1 is a side elevation of my improved anchoring device showing the same arranged upon a fence post and a wire stretcher mounted thereon; Fig. 2 is a top plan view; Fig. 3 is a vertical section taken on the line 3—3 of Fig. 1; and Fig. 4 is a detail perspective view of one of the post engaging plates.

Referring in detail to the drawing P designates a fence post which is adapted to be engaged by the substantially semicircular upper and lower plates 5 and 6 respectively which are rigidly fixed upon the ends of the rods 7 and 8. These rods extend horizontally from the post and are disposed in parallel relation, the other ends of the same having eyes 9 and 10 formed thereon to receive hooks 12 and 13 formed upon the ends of a vertical connecting rod 11. Each of the semicircular plates 5 and 6 is provided in its upper edge and at one end with an inclined recess 14 and a shoulder 15 is formed upon one edge of said recess at the entrance

thereto. Over these shoulders one of the links of the chains 16 are adapted to be engaged, said chains being secured to the other ends of said plates and adapted to be passed around the fence post as clearly shown in Fig. 1.

The wire stretching mechanism is fully described in detail in my prior application hereinbefore referred to and will therefore only be generally described in the present instance. This stretcher comprises a stationary rack 17 which is supported by a vertical plate 18. This plate is bent intermediate of its ends to provide parallel portions between which the rack bar is disposed. At the bend of said plate the same is circularly formed as indicated at 19 so that it may move freely upon the upper horizontal rod 7. The ends of this plate are brought together and are also bent to provide a guide for the lower rod 8 as indicated at 20. The extremities of the plate are securely fastened together by means of a bolt 21. The supporting plate 18 is moved longitudinally upon the rods 7 and 8 by the engagement of the teeth of a pinion 22 carried thereby with the teeth of the rack 17. An arm 23 is rigidly fixed to the plate 18 to which the clamp 24 in which the fence wires are secured is connected by means of a chain or in any other suitable manner.

In the practical use of the invention, the plates 5 and 6 are engaged by the fence post and secured thereto by means of the chains 16 as previously described. One end of the rack 17 abuts against the post P and the supporting plate 18 is moved inwardly upon the rods 7 and 8 to a point adjacent to the post. After the wire clamp has been connected to the arm 23, the pinion 22 is rotated by means of a suitable crank and the supporting plate 18 is moved outwardly upon the rods 7 and 8 of the anchoring device whereby the fence wires are stretched or drawn taut. In this manner it will be readily seen that the stretching mechanism may be easily and quickly arranged in operative position without the necessity of providing any additional means of support therefor. However, if desired supporting rods 25 may be provided, the upper ends of said rods being loosely connected to the eye on the end of the rod 7. These rods are adapted to be arranged at any desired inclination and spaced apart at their lower ground engaging ends thereby relieving the rods 7 and 8 of undue strain.

As the device comprises but very few elements of simple form, it will be obvious that the same can be inexpensively manufactured. It is also durably constructed and efficiently performs the functions for which the device is devised.

While I have shown and described the preferred construction and arrangement of the various parts, it will be understood that the invention is susceptible of a great many minor modifications without departing from the essential feature or sacrificing any of the advantages thereof.

Having thus described the invention what is claimed is:—

An anchoring device for wire stretchers comprising a pair of rods adapted to be arranged in parallel relation, a flat semicircularly curved plate fixed to one end of each of the rods and adapted for close engagement with the side of a fence post, chains fixed to one of the ends of said plates and

adapted to be passed around the post and detachably engaged with the other ends of the plates, said plates frictionally engaging the posts and preventing longitudinal movement of the inner ends of the rods thereon, said rods being provided with eyes at their outer ends, a connecting rod loosely engaged at its ends in said eyes, and a pair of supporting rods provided with eyes on one of their ends loosely connected to the eye on the end of one of the parallel rods, said supporting rods having movement in all directions with relation to the parallel rods, and adapted to be embedded at their other ends in the ground to provide a firm support for the outer ends of said parallel rods.

In testimony whereof I hereunto affix my signature in the presence of two witnesses.

PETER McMILLAN.

Witnesses:

A. A. SUSZYCKE,
S. L. DAVIS.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."