

Feb. 9, 1926.

1,572,732

C. McCAMMACK

STRETCHER

Filed April 3, 1925

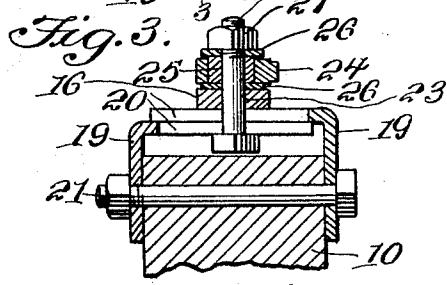
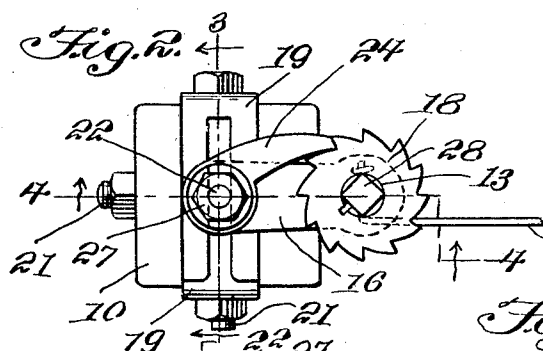
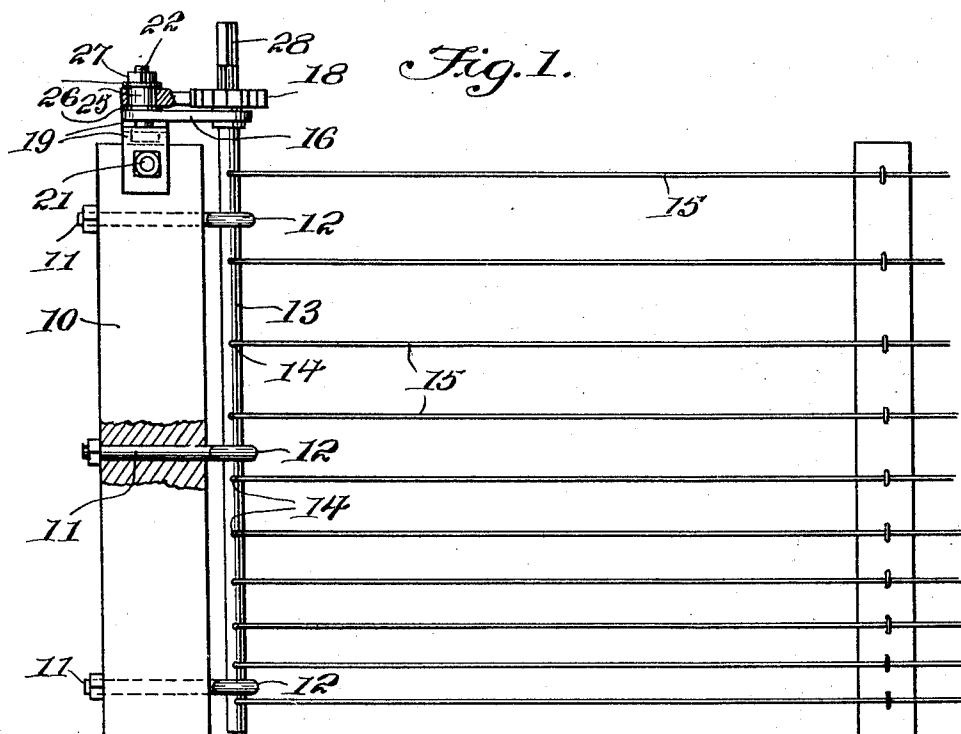
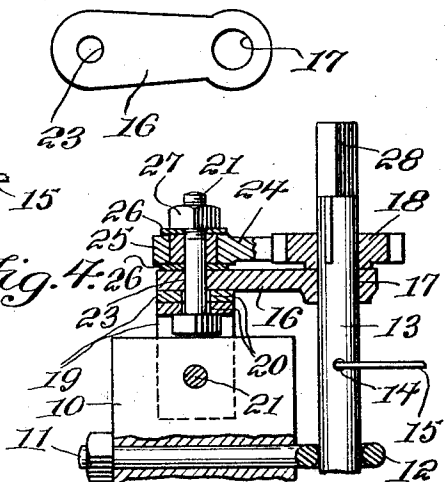


Fig. 5.



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WITNESS: J. L. Wright

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UNITED STATES PATENT OFFICE.

CHARLES McCAMMACK, OF QUINCY, INDIANA.

STRETCHER.

* Application filed April 3, 1925. Serial No. 20,558.

To all whom it may concern:

Be it known that I, CHARLES McCAMMACK, a citizen of the United States, residing at Quincy, in the county of Owen and State of Indiana, have invented new and useful Improvements in Stretchers, of which the following is a specification.

This invention contemplates means of novel construction for stretching fence wires, which is adapted for use in constructing a fence, as well as stretching the wires from time to time to maintain the desired degree of tautness, the invention being simple in construction and capable of being operated for the purpose intended with a minimum of effort.

In the drawing forming part of this application, like numerals of reference indicate similar parts in the several views, and wherein:

Figure 1 is a view in elevation showing how the device is mounted for use.

Figure 2 is a top plan view.

Figure 3 is a sectional view on line 3—3 of Figure 2.

Figure 4 is a sectional view on line 4—4 of Figure 2.

Figure 5 is a plan view of a bracket plate.

The device forming the subject matter of the present invention embodies a support 10, the latter being in the nature of a fence post which supports a plurality of eye bolts 11 which are mounted upon the support in spaced superimposed relation, the eyes 12 of said bolts being arranged in alignment as shown to receive a bar 13. This bar is provided with a plurality of openings 14 adapted to receive the adjacent ends of the fence wires 15, to permit the wires to be easily attached to the bar in any suitable manner. The bar is supported in the position shown in Figure 1 by means of a bracket plate 16 which has an opening 17 to receive the bar, and upon which plate reposes the ratchet wheel 18. This bracket plate 16 is also associated with the support 10, through the instrumentality of a two part clamp, the respective parts of which are indicated at 19 and clearly shown in Figure 3. The adjacent ends of the respective parts are slotted as at 20 and overlap as shown in Figure 3, the clamp being of substantially U-shaped formation to straddle the upper end of the support 10 to which it is secured by means of a bolt 21. The headed stud bolt 22 is passed through the slots 20 and

received by the opening 23 in the bracket plate 16. Also mounted upon this bolt is the pawl 24 which cooperates with the ratchet wheel 18, the pawl being mounted for pivotal movement about a tubular washer 25 above and beneath which are arranged the washers 26, so that when the nut 27 is tightened it will not have a binding action against the pawl 24 as will be readily understood. The upper end of the bar 13 is square as at 28 to accommodate a handle of any suitable construction for rotating the bar.

In practice, the bar 13 is arranged within the eyes 12 of the bolts 11, being supported by the bracket plate 16 in the manner above described in spaced parallel relation to the support 10. The fence wires 15 are then passed through the adjacent openings 14 in said bar, and twisted or otherwise secured to the latter. A suitable handle not shown is then attached to the squared extremity 28 of the bar, and when the latter is rotated in one direction, the wires 15 are wound about said bar, being drawn taut and maintained in this condition, the pawl 24 cooperating with the ratchet wheel 18 mounted on the bar to prevent retrograde movement thereof.

While it is believed that from the foregoing description, the nature and advantages of the invention will be readily apparent, I desire to have it understood that I do not limit myself to what is herein shown and described, and that such changes may be resorted to when desired as fall within the scope of what is claimed.

Having thus described the invention, I claim:

In a fence wire stretching device, a support, a slotted bracket mounted thereon, a pivot bolt rising from said bracket, a plate having an opening receiving said pivot and projecting laterally from said bracket, a vertically disposed bar, means including said plate for supporting the bar for rotation, said bar having spaced openings for connecting the adjacent ends of the fence wires to said bar, whereby said wires are stretched when the bar is rotated, means whereby said bar can be rotated, a ratchet wheel mounted on said bar above said plate, and a pawl mounted on said pivot bolt and cooperating with said ratchet wheel to prevent retrograde movement of said bar.

In testimony whereof I affix my signature.

CHAS. McCAMMACK.