

(No Model.)

2 Sheets—Sheet 1.

M. T. STAUFFER & J. L. TOLSON.
GATE.

No. 566,482.

Patented Aug. 25, 1896.

Fig. 1.

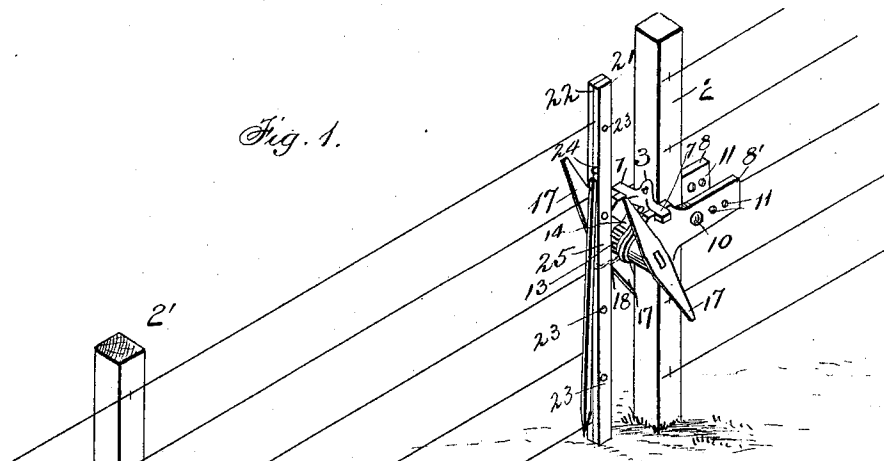


Fig. 3.

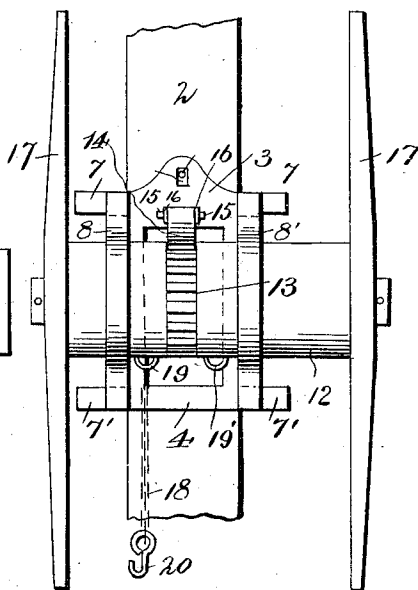
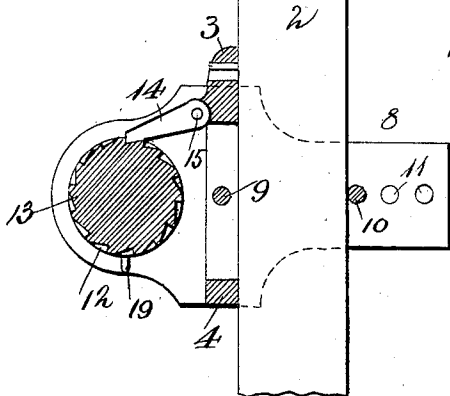


Fig. 5.



Witnesses.

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2 Sheets—Sheet 2.

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Fig. 2

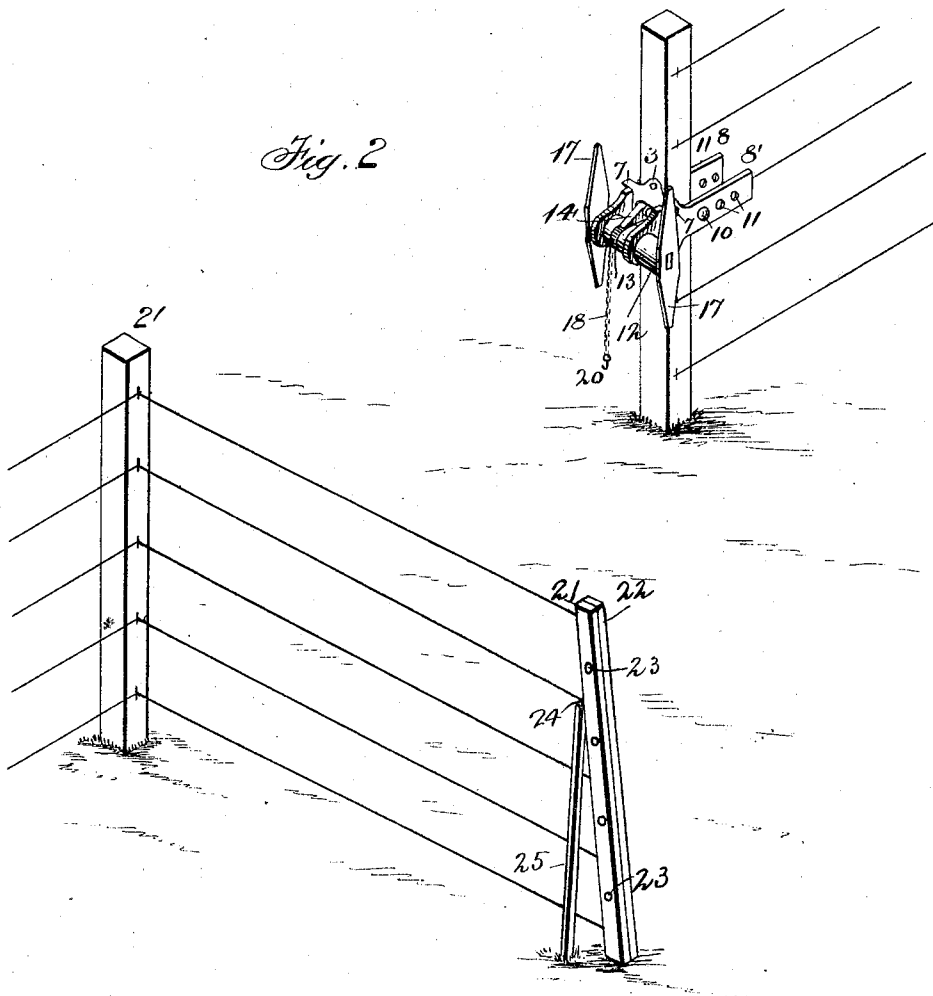
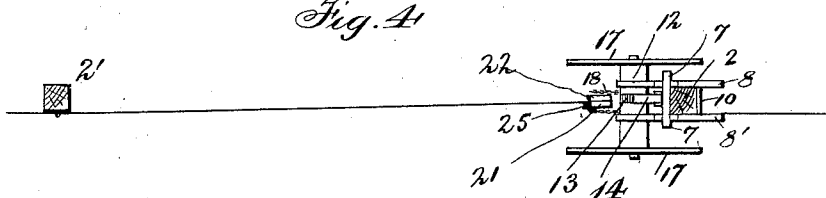


Fig. 4



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UNITED STATES PATENT OFFICE.

MARION T. STAUFFER AND JACOB L. TOLSON, OF BARRY, ILLINOIS.

GATE.

SPECIFICATION forming part of Letters Patent No. 566,482, dated August 25, 1896.

Application filed May 9, 1896. Serial No. 590,895. (No model.)

To all whom it may concern:

Be it known that we, MARION T. STAUFFER and JACOB L. TOLSON, citizens of the United States, residing at Barry, in the county of Pike and State of Illinois, have invented certain new and useful Improvements in Gates; and we do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

Our invention has relation to portable temporary transferable gates for wire fences; and the object is to provide a gate for wire fences, either temporary or permanent, and, if temporary, when the occasion for its use has ceased the gate may be transferred to another point; and to these ends the novelty consists in the construction, combination, and arrangement of the same, as will be hereinafter more fully described, and particularly pointed out in the claims.

In the accompanying drawings the same figures of reference indicate the same parts of the invention.

Figure 1 is a perspective view of a line of wire fence, one of the panels thereof being converted into a temporary gate by means of our invention. Fig. 2 is a similar view showing the gate open. Fig. 3 is an end view of the front gate-post. Fig. 4 is a top plan view of the fence and gate, and Fig. 5 is a cross-section of the windlass-shaft.

When it is desired to locate a temporary gate at any section of a line of wire fencing, the wire is cut next a post, as at 2, and an adjustable shoe 3 is clamped about midway of the height of the post. This shoe consists of a base-piece 4, and is provided with integral lateral arms 7 7 and 7' 7', in which are secured the side brackets 8 8' by a bolt 9, passing through aligned holes in the brackets in front of the post, and a bolt 10, passing through similar aligned holes 11 in said brackets back of the post. These two bolts 9 10 clamp the brackets and shoe firmly to the post, the lateral arms 7' 7' on the shoe being of sufficient length to take in posts of the largest size, and the series of holes 11 admit of the adjustment of the shoe to the breadth of the post.

12 is a windlass-shaft journaled in the front ends of the side brackets 8 8'. It is provided with a central ratchet portion 13, and in the same plane therewith is a gravity-pawl 14, hinged by its ears 15 15 to a pair of lugs 16 16, cast on the shoe 3. This shaft projects on each side of the post 2, and each end is provided with a removable handle 17.

18 is a flexible wire, cord, or chain, one end of which is permanently fastened to an eye 19 on the shaft, and the other end of said chain is provided with a hook 20, by means of which that end of the chain is detachably secured to the eye 19' on said shaft.

21 22 are two bars of about the height of the fence, and they lie on each side of the fence-wires, which are firmly clamped between them by bolts 23, and these bars are preferably secured in place before the fence-wires are cut to make the gate. One end of the chain 18 is passed around the bars and secured to the eye 19'. The windlass-shaft 12 may then be rotated to draw the bars toward it and thus tighten the wires forming the gate-panel.

When it is desired to open the gate, the pawl is first raised to release the shaft 12, which unwinds the chain and releases the bars 21 22, which are then swung around the post 2' as a pivot, carrying the wires composing the panel with them. One of the bars 21 is provided with a staple 24, to which is secured a pointed bar 25, which may be stuck in the ground to support the bars and panel in a vertical position. This leaves a clear passage or gateway between the posts 2 and 2'.

When it is desired to close the gate, the bars 21 22 are carried around to their former position, the end of the chain passed around them and its end connected to the eye 19', and the handle on either side of the post rotated to wind the chain on the shaft 12. This draws the wires composing the gate-panel perfectly tight, and the pawl on the shoe holds the shaft-chain, bars, and gate-panel securely in position.

Having thus fully described our invention, what we claim as new and useful, and desire to secure by Letters Patent of the United States, is—

1. The shoe 3, comprising base-piece 4, hav-

ing integral lateral arms 7 7 and 7' 7', the brackets 8 8', the bolts 9 10 and pawl 14, in combination with the shaft 12 formed with the integral ratchet 13, and the removable
5 handles 17, substantially as shown and described.

2. The post 2, the shoe 3 removably secured to said post and comprising the base-piece 4, having integral arms 7 7 and 7' 7', pawl 14,
10 the brackets 8 8', the bolts 9 and 10, the shaft 12 formed with the integral ratchet 13 journaled in said shoe and provided with the re-

movable handles 17 and chain 18, in combination with the post 2', the attached fence-wires, the bars 21 22 and the pointed bar 25, 15 pivoted to the bar 21 by a staple 24, substantially as shown and described.

In testimony whereof we hereunto affix our signatures in presence of two witnesses.

MARION T. STAUFFER.

JACOB L. TOLSON.

Witnesses:

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