

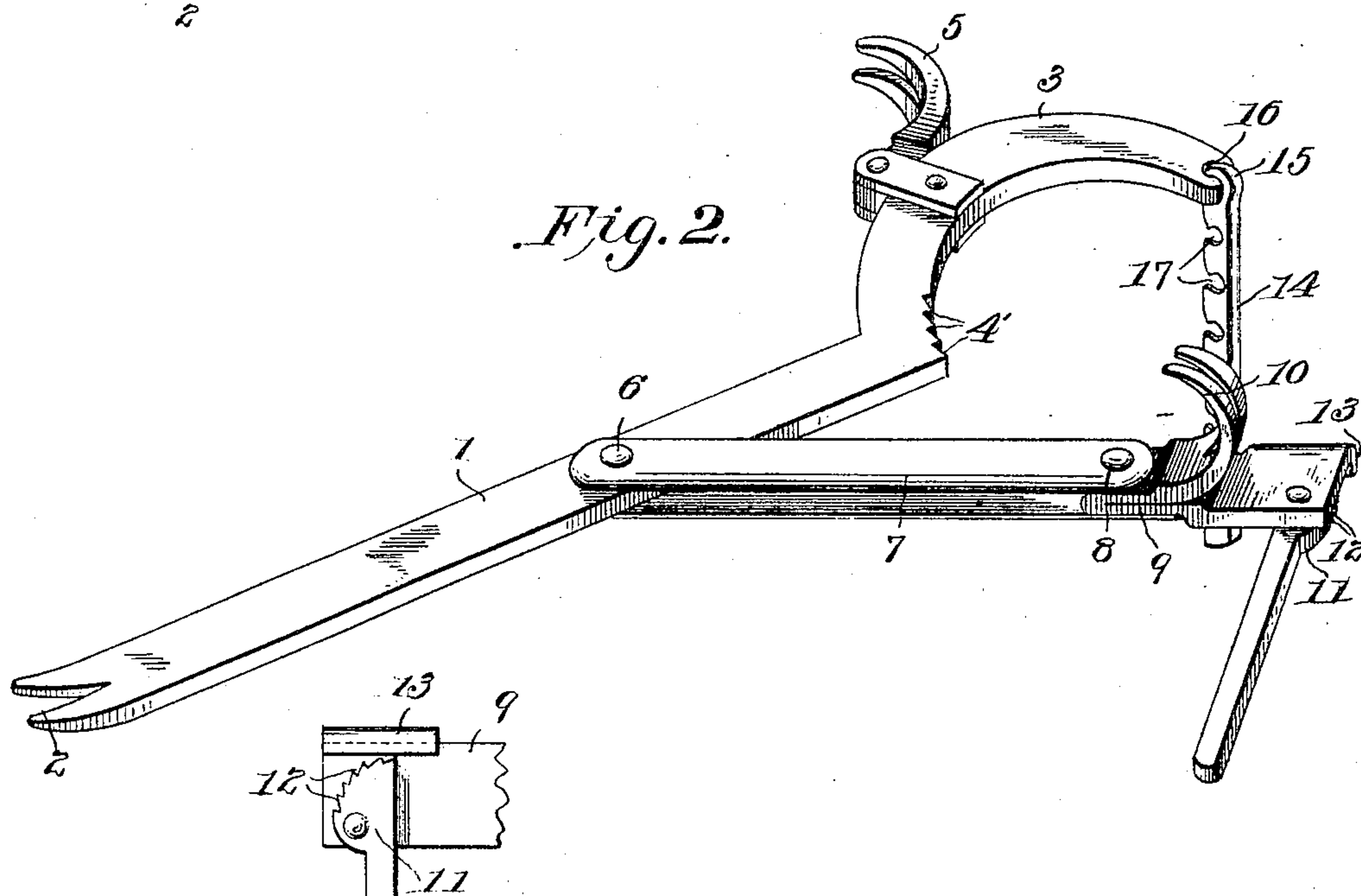
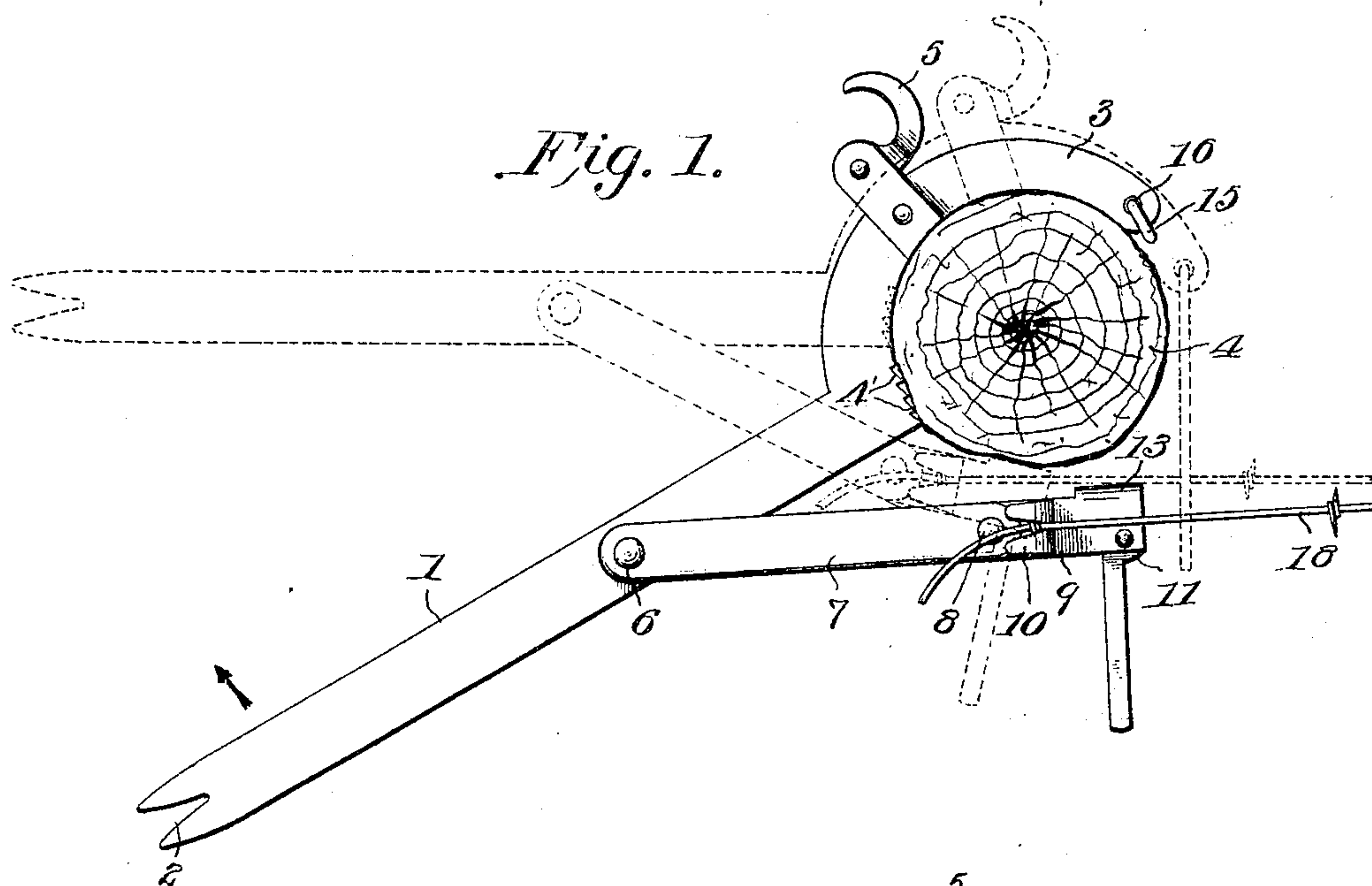
No. 800,744.

PATENTED OCT. 3, 1905.

J. A. & J. H. KIMBRO.

WIRE STRETCHER.

APPLICATION FILED JULY 3, 1905.



Witnesses  
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*Fig. 3.*

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# UNITED STATES PATENT OFFICE.

JOHN A. KIMBRO AND JEREMIRAH H. KIMBRO, OF GEORGETOWN, TEXAS.

## WIRE-STRETCHER.

No. 800,744.

Specification of Letters Patent.

Patented Oct. 3, 1905.

Application filed July 3, 1905. Serial No. 268,165.

*To all whom it may concern:*

Be it known that we, JOHN A. KIMBRO and JEREMIRAH H. KIMBRO, citizens of the United States, residing at Georgetown, in the county of Williamson and State of Texas, have invented a new and useful Wire-Stretcher, of which the following is a specification.

This invention relates to wire-stretchers, and has for its object to provide a device of the class embodying new and improved features of utility, convenience, indestructibility, and cheapness.

A further object of the invention is to provide a wire-stretcher which may be operated and the wire stapled by a single operator, providing, as it does, a latch for engagement entirely around the post with the stretched wire.

With these and other objects in view, which will appear as the nature of the invention is better understood, the same consists in certain novel features of construction, as hereinafter fully described and claimed.

In the accompanying drawings, forming a part of this specification, and in which corresponding parts are denoted by like designating characters, is illustrated the preferred form of the embodiment of the invention capable of carrying the same into practical operation, it being understood that the invention is not necessarily limited thereto, as various changes in the shape, proportions, and general assemblage of the parts may be resorted to without departing from the principle of the invention or sacrificing any of its advantages.

In the drawings, Figure 1 is a top plan view of the improved wire-stretcher in operative engagement with a post and a wire and in outline shown with the wire fully stretched and the latch engaging the stretched wire. Fig. 2 is a perspective view of the improved wire-stretcher. Fig. 3 is a detail plan view of one of the wire-grips.

Like characters of reference indicate corresponding parts in all of the figures of the drawings.

In its preferred embodiment the wire-stretcher forming the subject-matter of this application comprises a rigid lever 1, provided at one end with a nail and staple pulling claw 2 and at its other with a segmental curved portion 3, proportioned to embrace a post, as 4. The curved portion 3 is provided through-

out all or a portion of its inner curve with teeth or serrations 4', formed each with one inclined face to move easily in contact with the post when the lever is moved in the direction indicated by the arrow, but to grip the post when the motion is reversed.

At any convenient place, as upon the curve 3, is secured a wire-engaging claw 5, adapted for use as a "come-along." To the lever 1, between the curve 3 and the claw 2, as at 6, is pivotally secured the link 7, having pivotally secured at 8, the end opposite the pivot 6, the grip member 9. The grip member 9 is provided with a wire-engaging claw 10 and with a pivoted eccentric grip 11, having teeth 12, arranged in opposed relation to flange 13.

To the extremity of curve 3 is pivotally secured the latch 14, as by the eye 15, engaging within the opening 16. The latch is provided along one or both longitudinal edges with a series of notches 17, arranged and proportioned for engagement with the wire 15.

In use a wire is engaged by claw 5 and drawn to its approximate position, after which it is disengaged from claw 5 and engaged by claw 10 or eccentric 11, as the form of wire and exigencies of the work make desirable. The curve 3 is then placed about a post, as shown in Fig. 1, and the lever moved in the direction indicated by the arrow as to the position shown in outline, when the latch 14 is looped over and the wire engaged in one of the notches 17, which prevents a backward movement of the stretcher, thus holding the wire taut while being stapled.

Having thus described the invention, what is claimed is—

1. In a wire-stretcher, a rigid lever having a curve formed at one end and proportioned to embrace a post, a link pivoted to the lever intermediate its ends, a wire-claw and a grip carried upon the end of the link and means secured to the end of the curve for engagement with the stretched wire.

2. In a wire-stretcher, a rigid lever having a curve formed at one end and proportioned to embrace a post, a link pivoted to the lever intermediate its ends, a wire-grip and a wire-claw carried upon the end of the link and a rigid latch pivoted to the end of the curve and arranged for engagement with the stretched wire.

3. In a wire-stretcher a rigid lever having a segmental curve at one end proportioned to

embrace the post and having serrations upon  
its internal face, a link pivoted to the lever  
between the curve and the extremity, a wire-  
claw and a wire-grip pivotally carried upon  
5 the end of the link and a latch member pivot-  
ally connected to the extremity of the seg-  
mental curve and provided with a series of  
wire-engaging notches.

In testimony that we claim the foregoing as  
our own we have hereto affixed our signatures 10  
in the presence of two witnesses.

JOHN A. KIMBRO.

JEREMIRAH H. KIMBRO.

Witnesses:

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