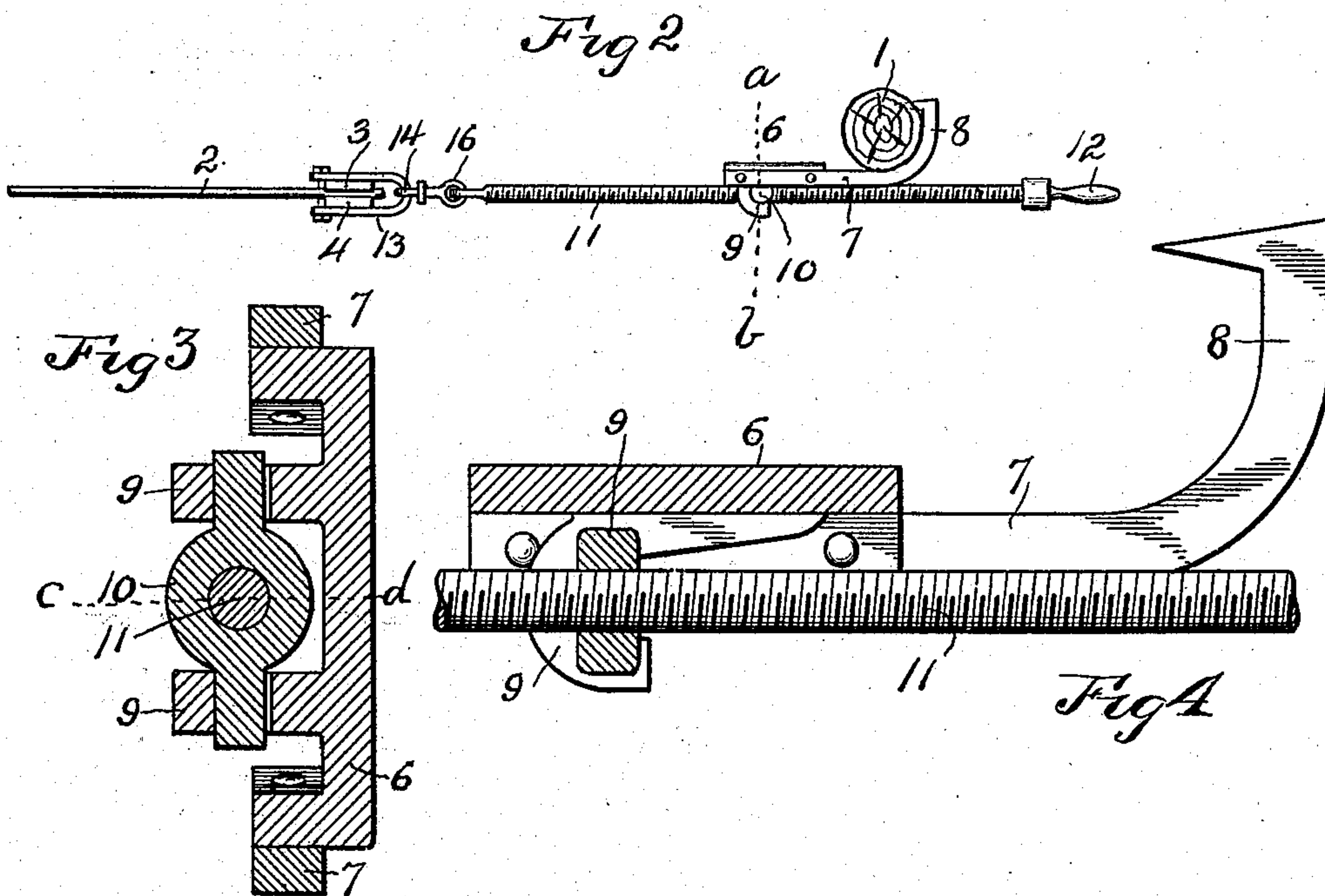
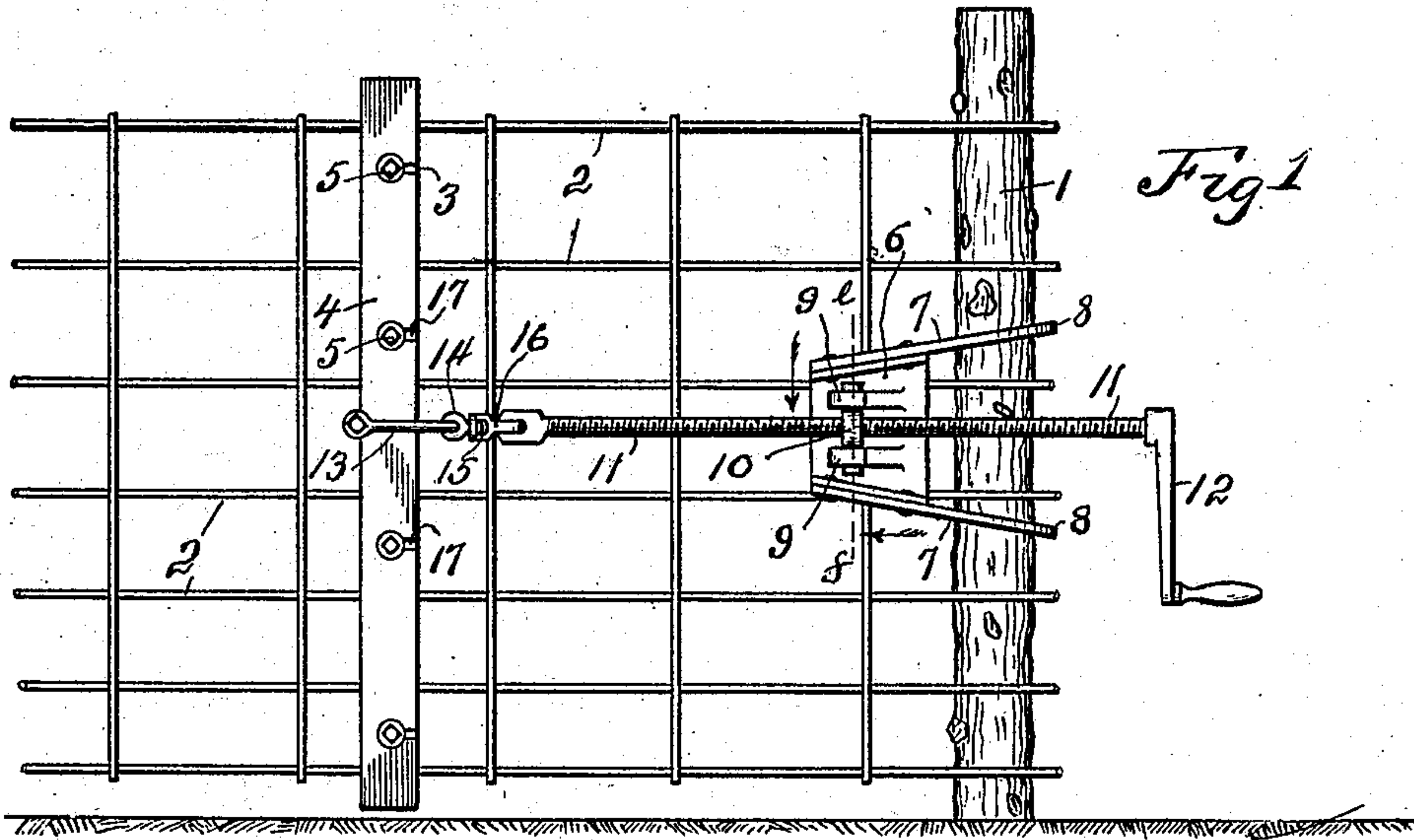


J. H. GWYNNE.  
WIRE FENCE STRETCHER.  
APPLICATION FILED OCT. 15, 1907.

900,726.

Patented Oct. 13, 1908.



WITNESSES:  
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His ATTORNEY.



# UNITED STATES PATENT OFFICE.

JOHN H. GWYNNE, OF KANSAS CITY, MISSOURI.

## WIRE-FENCE STRETCHER.

No. 900,726.

Specification of Letters Patent.

Patented Oct. 13, 1908.

Application filed October 15, 1907. Serial No. 397,523.

*To all whom it may concern:*

Be it known that I, JOHN H. GWYNNE, a citizen of the United States, residing at Kansas City, in the county of Jackson and State of Missouri, have invented certain new and useful Improvements in Wire-Fence Stretchers, of which the following is a specification.

My invention relates to improvements in wire fence stretchers.

My invention provides a novel mechanism hereinafter fully described and claimed by which old or new wire fences may be readily and tightly stretched.

In the accompanying drawings illustrative of my invention, Figure 1 is a side elevation view of a fence on which is mounted my improved stretcher. Fig. 2 is a plan view of what is shown in Fig. 1, the fence wires being broken off intermediate the clamping plates and the post embraced by the post engaging frame. Fig. 3 is an enlarged vertical sectional view taken on the dotted line *a-b* of Fig. 2, and the dotted line *e-f* of Fig. 1. Fig. 4 is an enlarged horizontal sectional view of the post engaging frame taken on the plane corresponding to the dotted line *c-d* of Fig. 3.

Similar characters of reference denote similar parts.

1 denotes a vertical fence post and 2 the horizontal fence wires.

3 and 4 denote two vertical clamping plates disposed when in use at opposite sides of the wires 2 and clamped to said wires by bolts 5 extending through horizontal holes in the plate 3 and through notches in one vertical edge of the plate 4.

The fence post engaging means comprises preferably the following described mechanism. A post engaging frame is provided comprising a vertical plate 6 having two arms 7 disposed one above the other and having return bends 8 for embracing one side of the post 1. The plate 6 is provided also with two projections comprising two hooks 9 disposed horizontally one above the other and having their ends extending in a direction opposite the direction in which the outer ends of the arms 7 extend. Said hooks 9 are located intermediate the arms 7 and have pivotally mounted upon their concave sides a vertical bearing block 10 provided with a horizontal threaded hole in which is rotatively mounted a horizontal threaded rod 11 having at one end a crank

12 by which the rod is rotated in the bearing block 10.

The following described mechanism is employed to draw the clamping plates 3 and 4 toward the post 1 and post engaging means when the rod 11 is rotated in one direction, for the purpose of tightening the fence wires 2:—Embracing the middle portions of the plates 3 and 4 is a clevis 13 having pivoted to it one end of a link 14, the other end of which is provided with a horizontal stem 15, provided with a head at its outer end and pivotally connected to one end of a link 16, the other end of which is pivoted to the adjacent end of the rod 11. The link 14 is so pivoted to the clevis 13 as to be swung vertically relative thereto, while the link 16 is pivoted to the rod 11 so as to be swung horizontally relative to said rod. The links 14 and 16 thereby provide a universal joint connection between the clevis 13 and rod 11, thus permitting the rod 11 to swing in a horizontal plane in the bearing block 10. The universal joint connection also permits the rod 11 to be disposed at an angle to a line perpendicular to the clamping plates 3 and 4.

The parts having been assembled as described, when the crank 12 is rotated in the proper direction the clamping plates 3 and 4 will be drawn with the wires 2 toward the fence post 1. The bearing block 10 being pivoted on a vertical axis in the hooks 9 will permit the plate 6 and arm 7 to swing horizontally to the proper position to receive the strain and without cramping the rod 11 in the bearing block 10. When the wires 2 have become sufficiently taut they may be secured in the ordinary manner to the post 1, after which the bolts 5 may be removed through the lateral notches 17 in the plate 4, and the plates 3 and 4 disengaged from the wires 2. The plates 3 and 4 being disengaged the arms 7 may be readily disengaged from the post 1, and the apparatus may then be removed to another portion of the fence and the operation repeated, as hereinbefore described.

Various modifications of my invention within the scope of the appended claims may be made without departing from its spirit.

Having thus described my invention, what I claim and desire to secure by Letters Patent, is:—

1. In a wire fence stretcher, the combina-



tion with means for clamping the fence  
wires, of a frame having two arms provided  
with return bends for embracing one side of  
a fence post one above the other, and pro-  
5 vided also with two hooks disposed one  
above the other, the ends of said hooks ex-  
tending in a direction opposite that in which  
said return bends extend, a bearing block  
pivoted in the bends of said hooks and pro-  
10 vided with a horizontal threaded hole, a  
threaded rod fitted in said hole and having  
a crank, and means connecting said rod and  
said wire clamping means by which when  
the rod is moved lengthwise in one direction  
15 the wire clamping means will be drawn to-  
ward said frame.

2. In a wire fence stretcher, the combina-  
tion with means for clamping the fence  
wires, of a frame having means for embrac-

ing a fence post and provided with means 20  
for releasably and pivotally supporting a  
bearing block, a bearing block pivotally and  
detachably mounted in said supporting  
means on said frame and provided with a  
threaded hole disposed transversely to the 25  
axis of said bearing block, a threaded rod  
fitted in said hole and having a crank, and  
means connecting said rod and clamping  
means by which when the rod is turned in  
one direction the clamping means will be 30  
drawn toward said frame.

In testimony whereof I have signed my  
name to this specification in presence of two  
subscribing witnesses.

JOHN H. GWYNNE.

Witnesses:

H. A. SCHUELLER,  
A. L. LERUD.