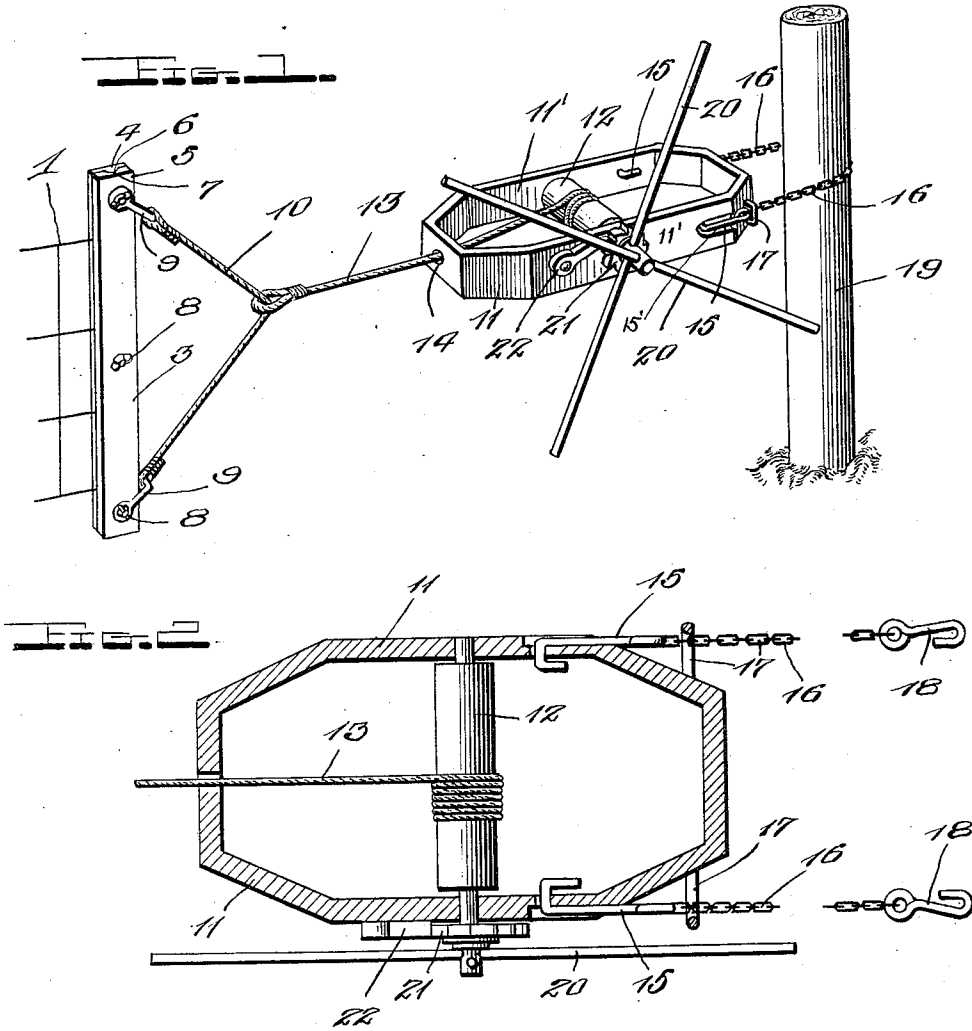


J. C. ANDERSON.  
 WIRE STRETCHER.  
 APPLICATION FILED APR. 1, 1912.

1,051,185.

Patented Jan. 21, 1913.



Inventor

J. C. Anderson,

Witnesses

Chas. L. Grisbawer. By  
 G. B. Norton.

Watson E. Coleman  
 Attorney

# UNITED STATES PATENT OFFICE.

JESSE C. ANDERSON, OF STEWARTSVILLE, INDIANA, ASSIGNOR OF ONE-FOURTH TO HORACE P. OWEN AND ONE-FOURTH TO EDWIN GENTRY, OF NEW HARMONY, INDIANA.

## WIRE-STRETCHER.

1,051,185.

Specification of Letters Patent.

Patented Jan. 21, 1913.

Application filed April 1, 1912. Serial No. 687,750.

*To all whom it may concern:*

Be it known that I, JESSE C. ANDERSON, a citizen of the United States, residing at Stewartsville, in the county of Posey and State of Indiana, have invented certain new and useful Improvements in Wire-Stretchers, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to new and useful improvements in wire stretchers and more particularly to a stretcher adapted for use in connection with woven wire fences or single wires and my object is to provide a device of this character which is simple and durable in construction, inexpensive to manufacture and one which will be very efficient and useful in operation.

With this and other objects in view, the invention consists in the novel features of construction, combination and arrangement of parts as will be hereinafter referred to and more particularly pointed out in the specification and claim.

In the accompanying drawing forming a part of this application, Figure 1 is a perspective view of the device applied to use. Fig. 2 is a horizontal section through the winding portion thereof.

In describing my invention, I shall refer to the drawing in which similar reference characters designate corresponding parts throughout the several parts and in which—

1 indicates a woven wire fence which is adapted to be stretched along a line of posts and in order to accomplish this result, I provide my improved stretching device which comprises a clamping portion 3. The clamping portion is composed of a pair of tongue and groove clamping bars 4 and 5, between which the wire fence is retained by means of the bolts 8. Upon each of these

bolts is mounted a U-shaped clip 9, to which is fastened one end of a flexible connection

10. It will be readily appreciated that when some pulling means is applied to this clamping device, the fence wires held therebetween will be readily stretched and to accomplish this, I provide an octagonal frame 11, which has rotatably mounted about centrally thereof a winding shaft 12. Engaged with this winding shaft is one end of a cable or other flexible connection 13, said cable connection extending through an opening 14 in the one end of said frame and having its

opposite end engaged with the divergent flexible connections 10 at their point of divergency. A pair of arms 15 pivotally mounted in the rear portions of said frame 11 have connected thereto the ends of a pair of chains 16, said chains being disposed through the guide members 17 and provided with hooks 18 at their outer ends, which hooks are adapted for engagement with suitable engaging devices on a post 19. The parallel sides 11' of the frame 11 are each provided with a longitudinal end opening groove 15', in which is seated the shank portion of one of the arms 15. These grooves by engaging the arms 15 tend to steady the frame by preventing rotational movement of the same about the inturned ends of said arms. Extending through the upper projected end of the winding shaft 12 are the operating bars or handle members 20, whereby said winding shaft may be readily rotated within the frame and in order to retain the winding shaft in its position under tension, I provide a ratchet wheel 21 on the winding shaft above the frame 11, the teeth of which are adapted to be engaged by a pawl 22 pivotally carried on the upper portion of said frame 11.

From the foregoing description of the construction of my device, the operation thereof will be readily understood and it will be seen that I have provided a simple, inexpensive and efficient device for carrying out the objects of the invention.

While I have particularly described the elements most well adapted to perform the functions set forth, it is obvious, however, that various changes in form, proportion and in the minor details of construction may be resorted to without departing from the spirit or sacrificing any of the principles of the invention.

Having thus described this invention, what is claimed is:—

A wire stretcher of the class described comprising a frame, stretching mechanism carried by said frame, the frame being octagonal and having its parallel side walls formed near their rear ends with transverse openings and being also provided with longitudinal end opening grooves communicating with said openings, the grooves being formed in the outer faces of the side walls and extending rearwardly from the openings therein, hooks engageable in said open-

ings with their shank portions extending rearwardly and disposed within said longitudinal grooves, a connecting member secured to the end of each of said hooks and  
5 guide loops carried by the rear diverging walls of said frame and adapted to receive said connecting members.

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

JESSE C. ANDERSON.

Witnesses:

W. R. REYNOLDS,  
ANNA DEMBERGER.

---

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

---