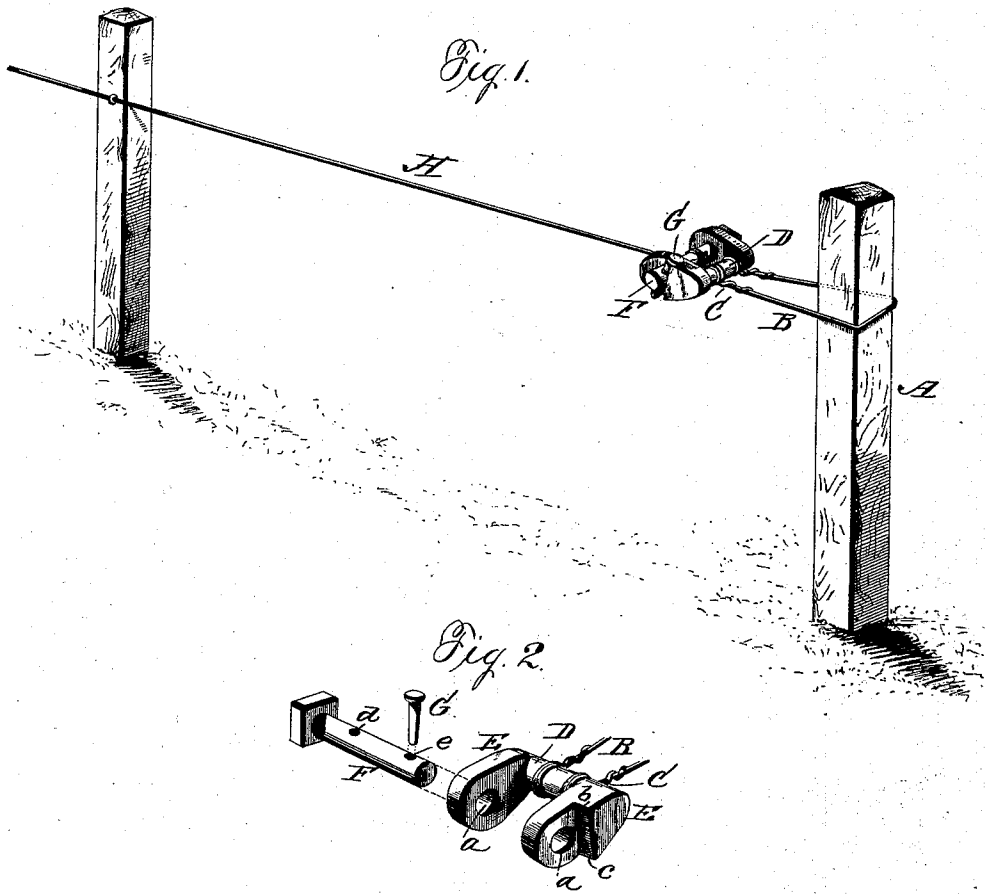


(No Model.)

B. DOUD.
FENCE WIRE HOLDER AND STRETCHER.

No. 410,077.

Patented Aug. 27 1889.



Witnesses
Chas Williamson.
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UNITED STATES PATENT OFFICE.

BRENSON DOUD, OF CHILI, INDIANA.

FENCE-WIRE HOLDER AND STRETCHER.

SPECIFICATION forming part of Letters Patent No. 410,077, dated August 27, 1889.

Application filed June 22, 1889. Serial No. 315,208. (No model.)

To all whom it may concern:

Be it known that I, BRENSON DOUD, a citizen of the United States, residing at Chili, in the county of Miami and State of Indiana, have invented certain new and useful Improvements in Stretching and Holding Wire in the Construction of Fences; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

This invention relates to certain new and useful improvements in stretchers or tension devices for use in the construction of wire fences; and it has for its object to provide a cheap and simple contrivance of this character by means of which the wire can be readily tightened and held in its taut condition.

The invention consists in the peculiar combinations and the construction, arrangement, and adaptation of parts, all as more fully hereinafter described, shown in the drawings, and then particularly pointed out in the appended claim.

The invention is clearly illustrated in the accompanying drawings, which, with the letters of reference marked thereon, form a part of this specification, and in which—

Figure 1 is a perspective view showing the application of my invention. Fig. 2 is a perspective view of the parts of the stretcher separated but in their relative positions.

Referring now to the details of the drawings by letter, A designates a post, to which is attached, by means of the wire B, the portion C of my device. This portion C comprises in a single element the bar or rod D, from which extend in parallel relation to each other the portions or end bars E, which near their free ends are each provided with a hole *a*, and the outer face of one of said end bars is cut away, as shown at *b*, to form the shoulder *c*, as shown more clearly in Fig. 2.

F is a shaft or rod provided with two holes *d* and *e*, the latter near one end thereof, as shown in Fig. 2, the other end being formed with a square or rectangular head adapted to receive a wrench or other suitable tool by means of which it may be turned when necessary.

G is a removable pin adapted to fit the hole *e*.

In practice the portion C is held to the post by means of the wire B, which has its ends secured to the rod D, the shaft or rod F is passed through the holes in the end bars E of the portion C, and the end of the fence-wire H passed through the hole *d* and fastened. The pin G is at this time removed from the hole *e* in the shaft or rod F. The shaft F is then turned by means of the wrench or other tool until the wire H is drawn taut, when the pin G is passed through the hole *e*, which will be upon the outside of the cut-away end bar, and finds a bearing against the shoulder *c* of said end bar, thus locking the parts and retaining the fence-wire in its taut condition.

There should be one of these tighteners used upon each fence-wire employed. In the drawings I have shown but one wire; but it will of course be understood that in the ordinary construction of wire fences two or more are usually employed. The one shown, however, is sufficient for the illustration of my invention.

What I claim as new is—

The improved wire-tightener herein described, consisting of the portion C, comprising the round rod D, designed to receive the wire by which the tightener is fastened in place and from which extend in parallel relation to each other the end bars E, provided at their ends with holes, as shown, the outer face of one of said bars being cut away from side to side to the rear of the hole therein, forming the vertical shoulder *c*, the removable shaft F, having holes *d* and *e* and rectangular head, and the removable pin G, having a flat head and designed to bear against said shoulder, substantially as herein shown and described.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

BRENSON DOUD.

Witnesses:

ROBT. J. LOVELAND,
NOTT N. ANTRIM.