No. 842,197. PATENTED JAN. 29, 1907.

H. T. HARPER.

FENCE.

APPLICATION FILED FEB. 23, 1906.

Fig. 1.

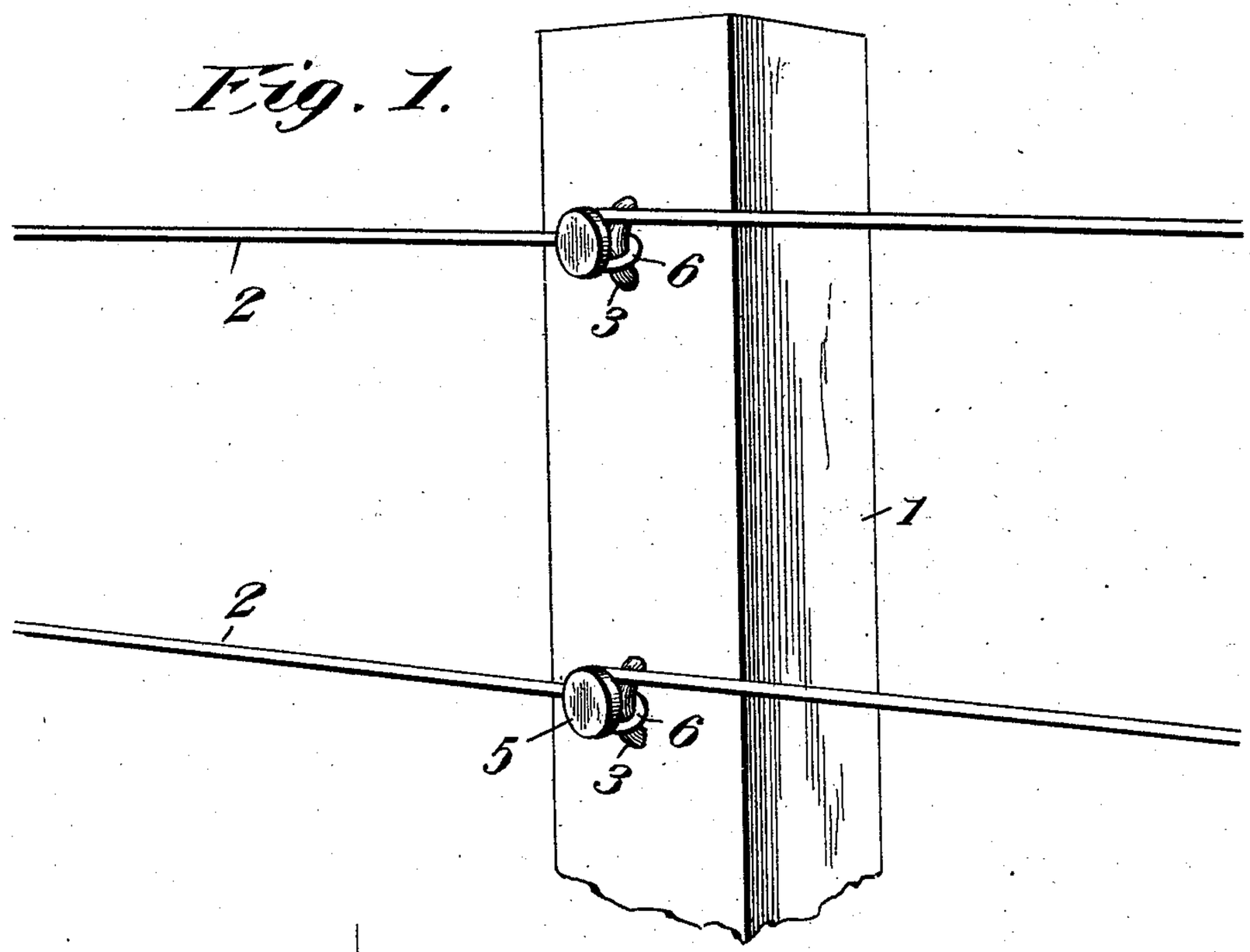
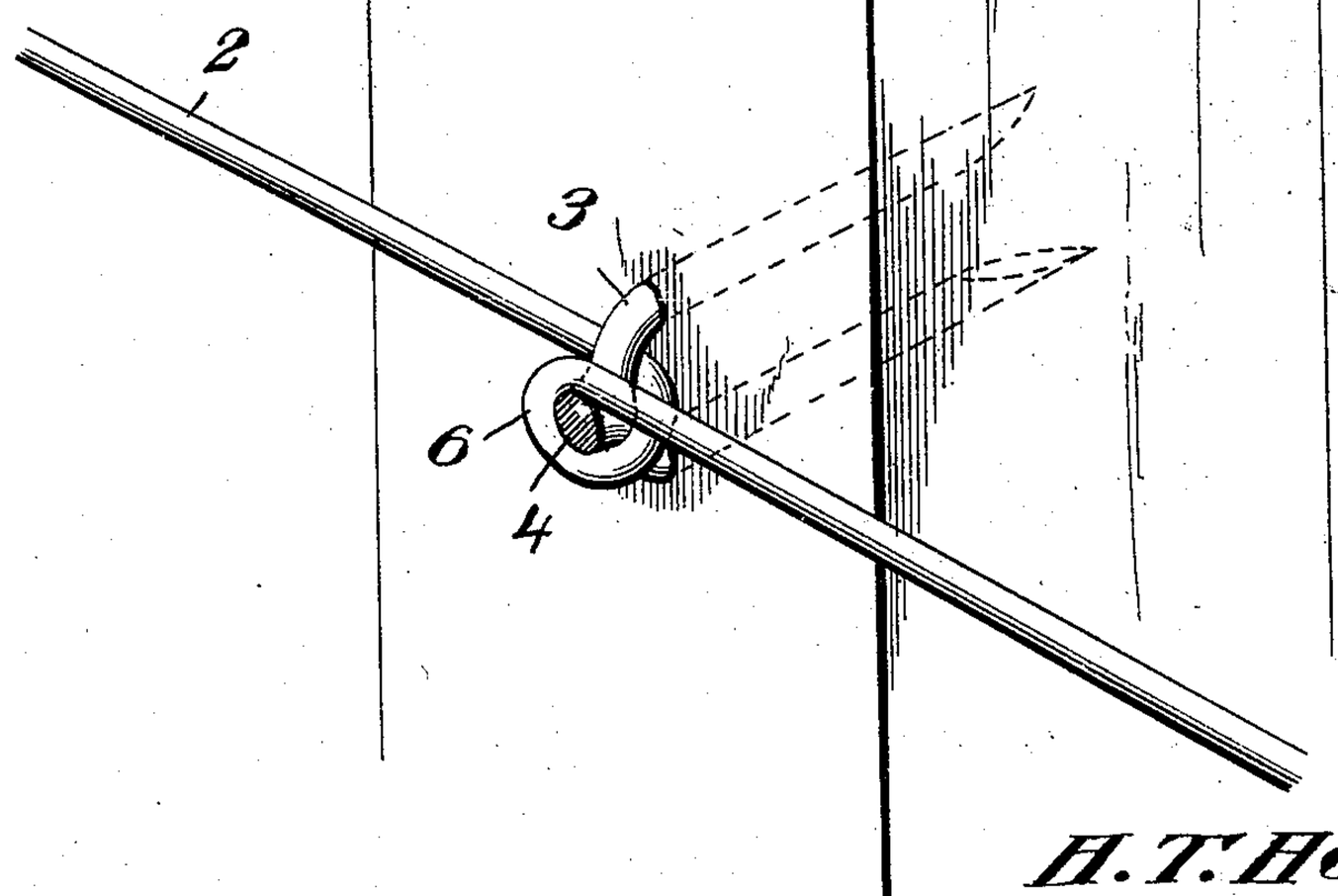


Fig. 2.



Witnesses

Thos. W. Caley.

Herbert D. Lawson.

Inventor

H. T. Harper.

By W. J. Fitzgerald & Co

Attorneys

UNITED STATES PATENT OFFICE.

HIND T. HARPER, OF FOOTVILLE, WISCONSIN.

FENCE.

No. 842,197. Specification of Letters Patent. Patented Jan. 29, 1907.

Original application filed January 14, 1904, Serial No. 189,004. Divided and this application filed February 23, 1906. Serial No. 302,587.

To all whom it may concern:

Be it known that I, HIND T. HARPER, a citizen of the United States, residing at Footville, in the county of Rock and State of Wisconsin, have invented certain new and useful Improvements in Fences; and I do hereby 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.

My invention relates to fences; and it is a division of an application filed by me in the United States Patent Office on January 14, 1904, Serial No. 189,004.

The object of the invention is to provide means whereby the wires of a fence can be securely fastened to each post, so as to obviate the necessity of stretching the entire length of wire after the same has been fastened to the posts of a fence.

My invention consists of a novel form of staple adapted to be secured over a wire of a fence, said wire being clamped in position by the staple after the wire has been tightened and then looped back into engagement with the staple, so as to prevent the wire from slipping.

The invention also consists of the further novel features of construction and combination of parts, which will be hereinafter made clearly apparent.

In the accompanying drawings I have shown the preferred form of my invention.

In said drawings, Figure 1 is a perspective view of a portion of a fence constructed in accordance with my invention; and Fig. 2 is an enlarged view of one of the wires and a portion of the post, the securing device being shown partly in section to disclose the loop of the wire.

Referring to the figures by numerals of reference, 1 is a post having a suitable number of wires 2 strung thereacross, and straddling each wire is a staple 3, which is driven into the post and serves to clamp the wire thereagainst after the same has been pulled taut. Extending from the arch of the staple is a neck 4, on which s formed an integral head 5. By utilizing this head the staple can be readily driven into the post by means of an ordinary hammer and without the danger of spreading the staple, and therefore rendering it unfit for use.

After the wire has been clamped to the post by means of the staple, as shown in the drawings, the same is looped back, as disclosed at 6, so that it will engage the neck 4, the head 5 serving as a keeper to prevent the loop from slipping from the neck. The loop and neck serve to assist in preventing the wire from slipping after it has been pulled taut and clamped by the staple. After the wire has been fastened to one of the posts in this manner it is pulled taut to the adjoining post and secured at that point in the same manner as above described. This operation is repeated throughout the length of the fence, and therefore it does not become necessary upon the completion of the stringing of each wire to utilize a stretcher for pulling the wire taut throughout its length.

It will be seen that a fence constructed in accordance with my invention is very simple and durable in construction and can be easily set up without the use of any tools except a hammer for driving the staples into the posts. Should any wire break at any point, only that portion of the wire between the posts at opposite sides of the break will be affected, all other portions of the wire remaining taut. The staple is of very compact form and there are no projections formed by it which are liable to catch in any material or prove injurious to live stock.

What I claim is—

The combination with a fence-post; of a staple secured therein and formed with a neck extending from the arch of the staple, and a fence-wire having one end passed between the arch of the staple and the post and securely held by said arch against the post and its other end twisted around said neck beyond the arch of the staple and extended in the opposite direction to an adjacent post, said wire bearing in different planes on the inner faces of said arch with the twisted portions of the wire independently held around said neck whereby the wire is held tight by the pressure of the arch of the staple and additionally held by its twist about said neck, permitting removal of any portion of the wire between posts without disturbing its connection with other posts.

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

HIND T. HARPER.

Witnesses:

ART CAIN,

JOHN HONEYSETT.