

No. 610,184.

Patented Sept. 6, 1898.

E. W. HILL.
LAND ANCHOR FOR POSTS.

(Application filed June 27, 1898.)

(No Model.)

Fig. 1.

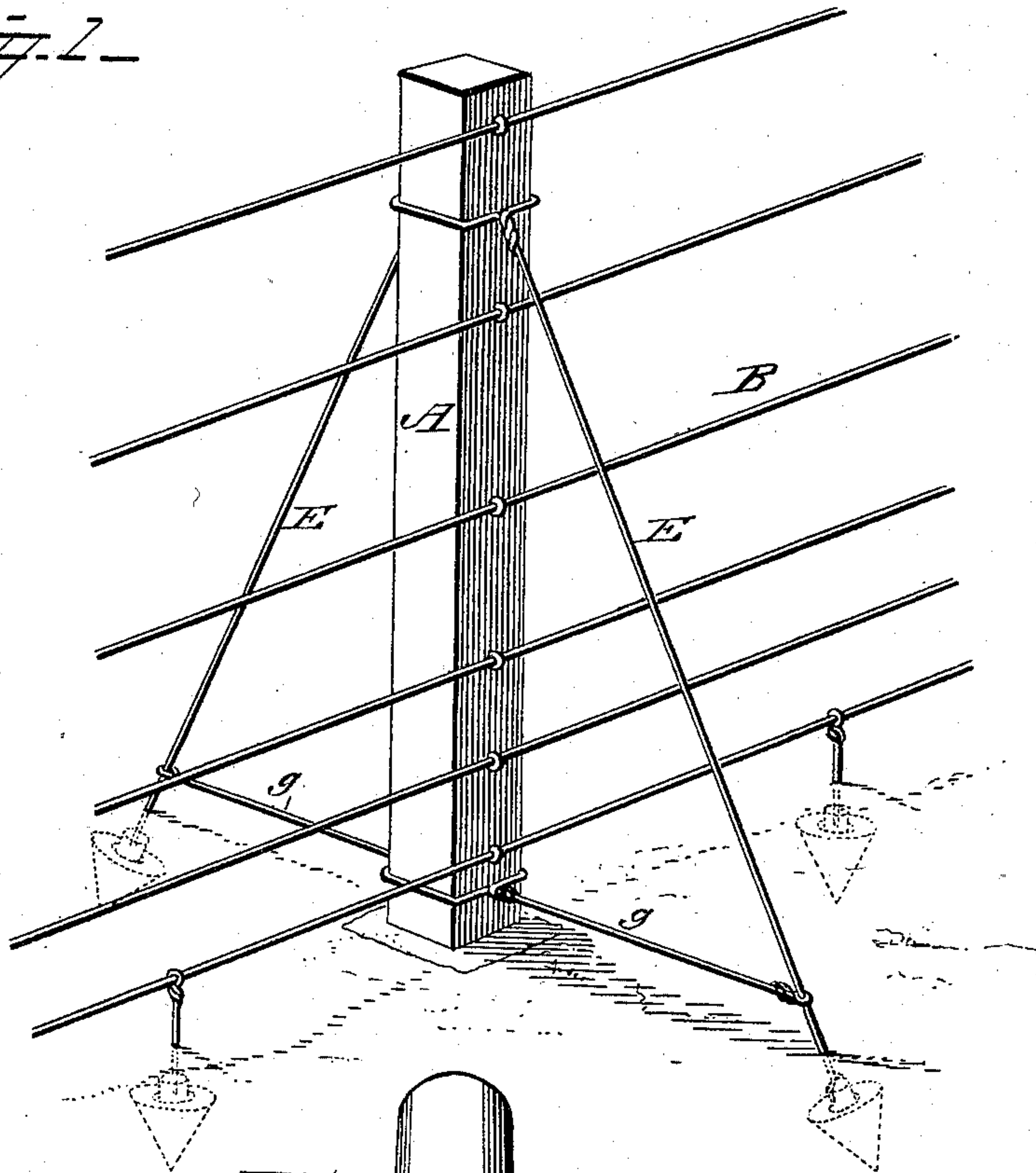


Fig. 2.

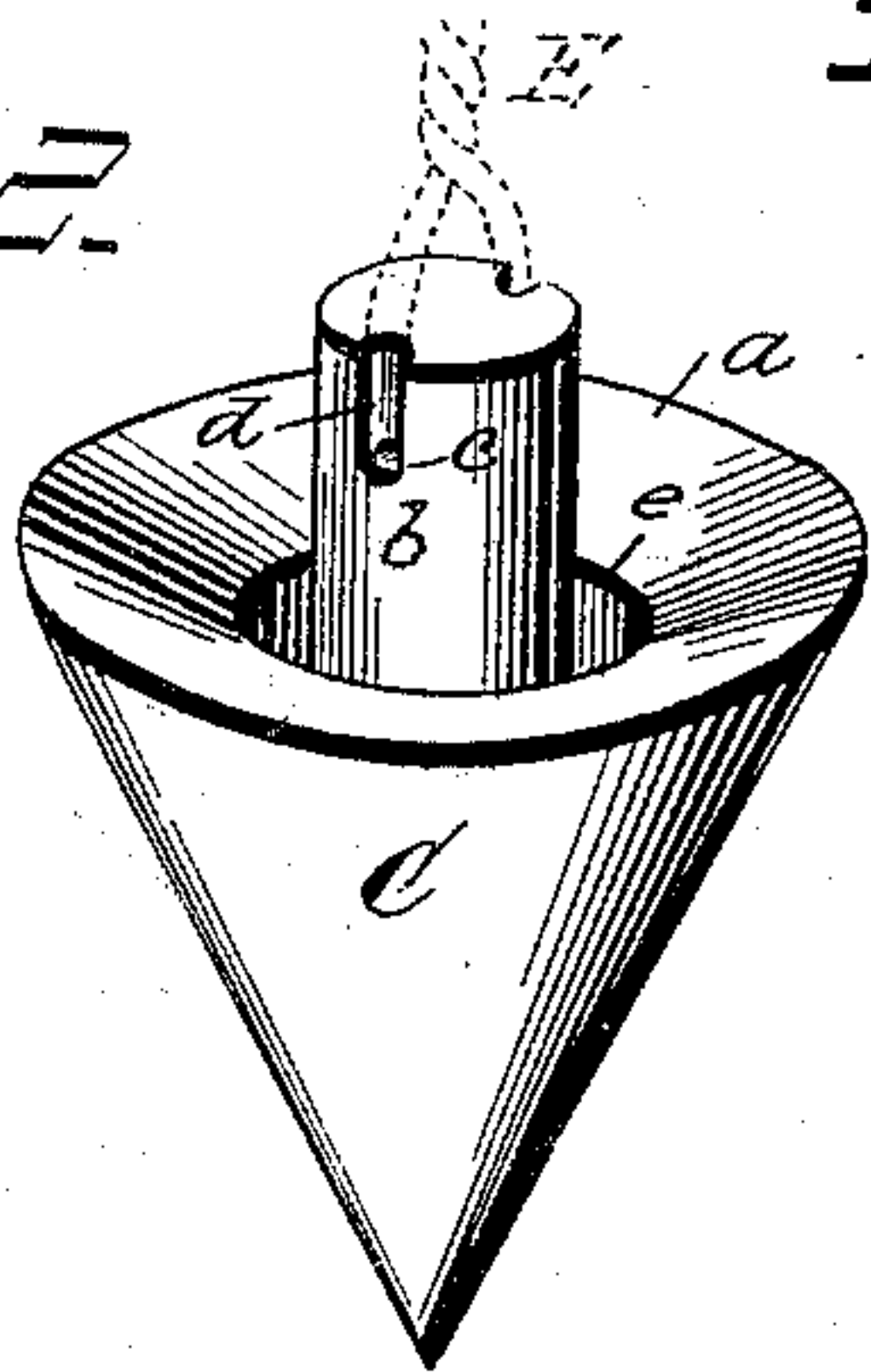


Fig. 4.

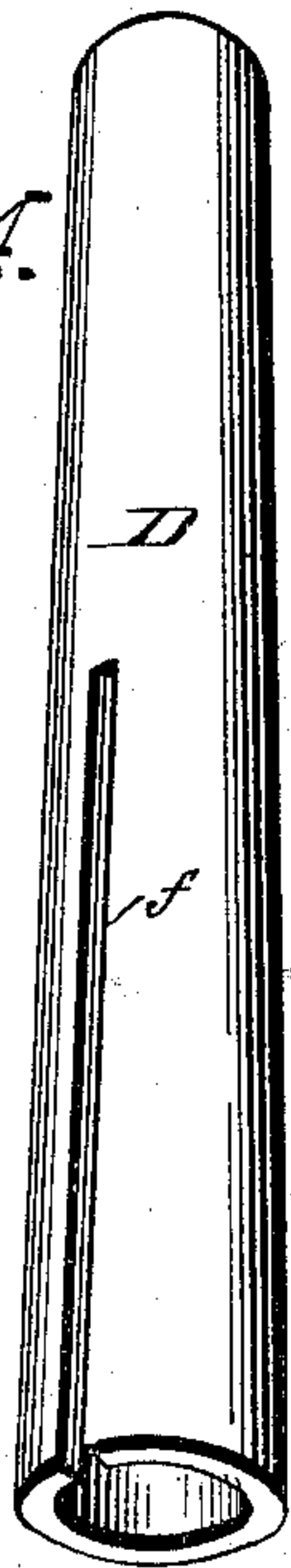
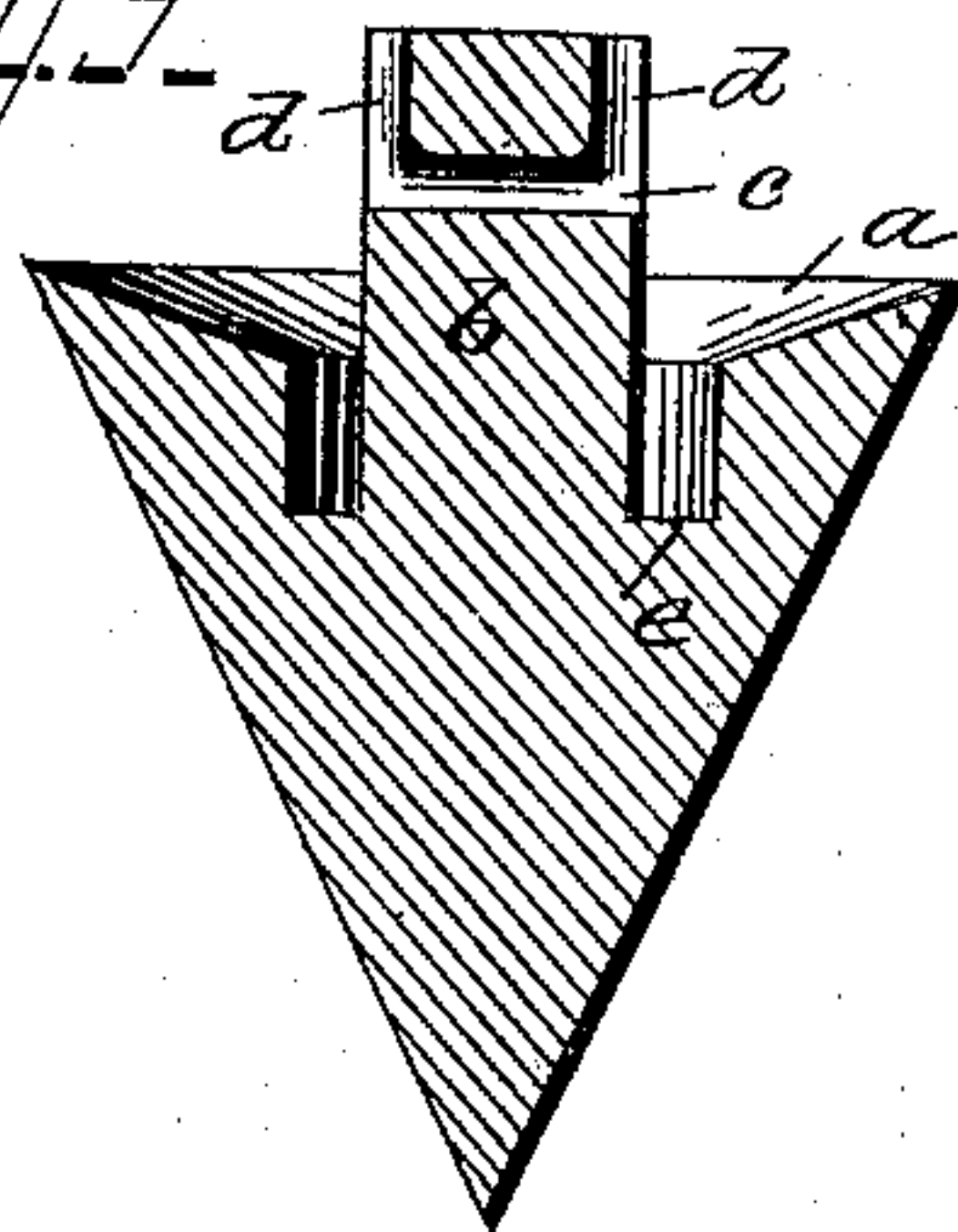


Fig. 3.



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UNITED STATES PATENT OFFICE.

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LAND-ANCHOR FOR POSTS.

SPECIFICATION forming part of Letters Patent No. 610,184, dated September 6, 1898.

Application filed June 27, 1898. Serial No. 684,536. (No model.)

To all whom it may concern:

Be it known that I, ELIJAH W. HILL, a citizen of the United States, residing at Covington, in the county of Miami and State of Ohio, have invented certain new and useful Improvements in Land-Anchors for Fence and other Posts; 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 of reference marked thereon.

The present invention has for its object to provide a simple and effective land-anchor for fence and other posts adapted to be driven into the ground for attaching thereto suitable stays to hold the post in an upright position; and the invention consists in an anchor constructed substantially as shown in the drawings and hereinafter described and claimed.

Figure 1 of the drawings is a perspective view of a portion of a wire-fence, showing the application of my improved anchor thereto; Fig. 2, a perspective view of the anchor on an enlarged scale; Fig. 3, a sectional view thereof; Fig. 4, a perspective view of the tool used to drive the anchor into the ground.

In the accompanying drawings, A represents the usual fence-post, and B the parallel wires connected thereto in the usual manner.

The anchor C is preferably of conical shape, as shown in Figs. 2 and 3, the upper face of the anchor being concave, as shown at *a*, to better resist the withdrawal of the same when embedded in the ground.

The anchor is cast with a central stem *b*, which extends some distance above the concaved or dished portion thereof, and has a hole *c*, which extends through it in a horizontal direction and joins vertical grooves *d* in the stem, which grooves are diametrically opposite each other. At the base of the stem *b* is a circular mortise *e* to receive the slotted end of a hollow tool D, which is used to drive the anchor into the ground, the slot *f* in the tool enabling the same to be passed over the wire stay E. Any suitable tool may be used in place of that shown that will effectively

serve the purpose. The wire stay E is passed through the hole *c* and twisted above the end of the stem, as shown in dotted lines of Fig. 2, the wire seating itself in the grooves *d* to hold the wire from sidewise displacement and enable it to come flush with the periphery of the stem, so that it will not interfere with the socketed or hollow end of the tool D, the central stem serving to hold the tool in engagement with the anchor during the act of driving the anchor in the ground. Cross-ties *g* may be used to brace the stays at or near the lower end thereof, as shown in Fig. 1.

The anchor may be used in any place where it will be found useful in bracing and supporting any upright object, either with posts used in fencing or for other purposes, or for telegraph or other poles.

Having now fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A land-anchor provided with a central stem having a hole extending horizontally through it, and grooves joining the same to form seats for the wire stay, substantially as and for the purpose set forth.

2. A land-anchor concave at its upper end and provided with a central stem with means for attaching the wire stay thereto, substantially as and for the purpose described.

3. A land-anchor having a central stem with a mortise around the base thereof, said stem having means for attaching the stay-wire thereto, substantially as and for the purpose specified.

4. A land-anchor having a concavity and a mortise at its upper end, and a central stem having a horizontal hole through it and upright grooves joining the same, as and for the purpose set forth.

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

ELIJAH W. HILL.

Witnesses:

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J. GUY DOWNEY.