

(No Model.)

I. L. LANDIS.
FENCE.

No. 339,434.

Patented Apr. 6, 1886.

Fig. 1.

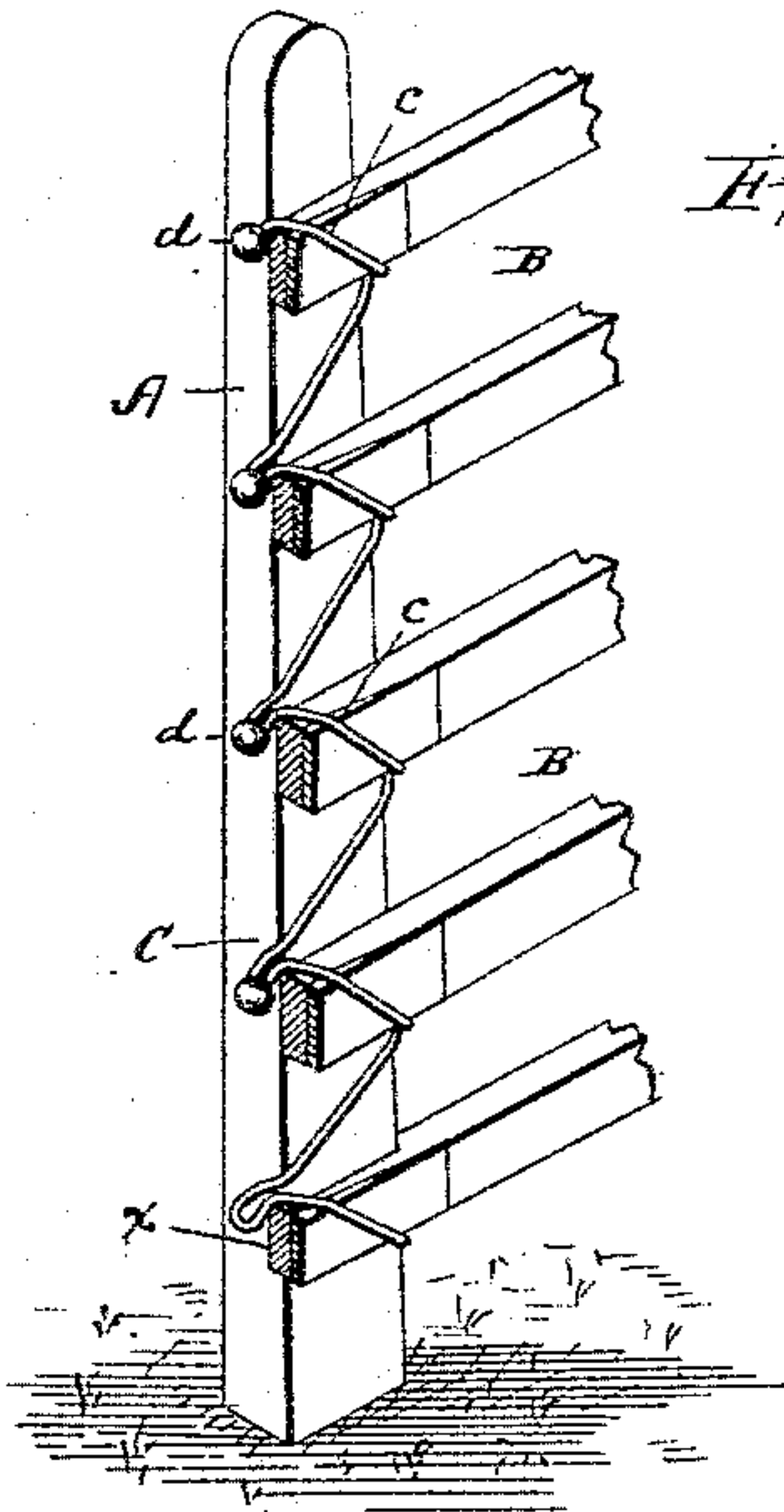
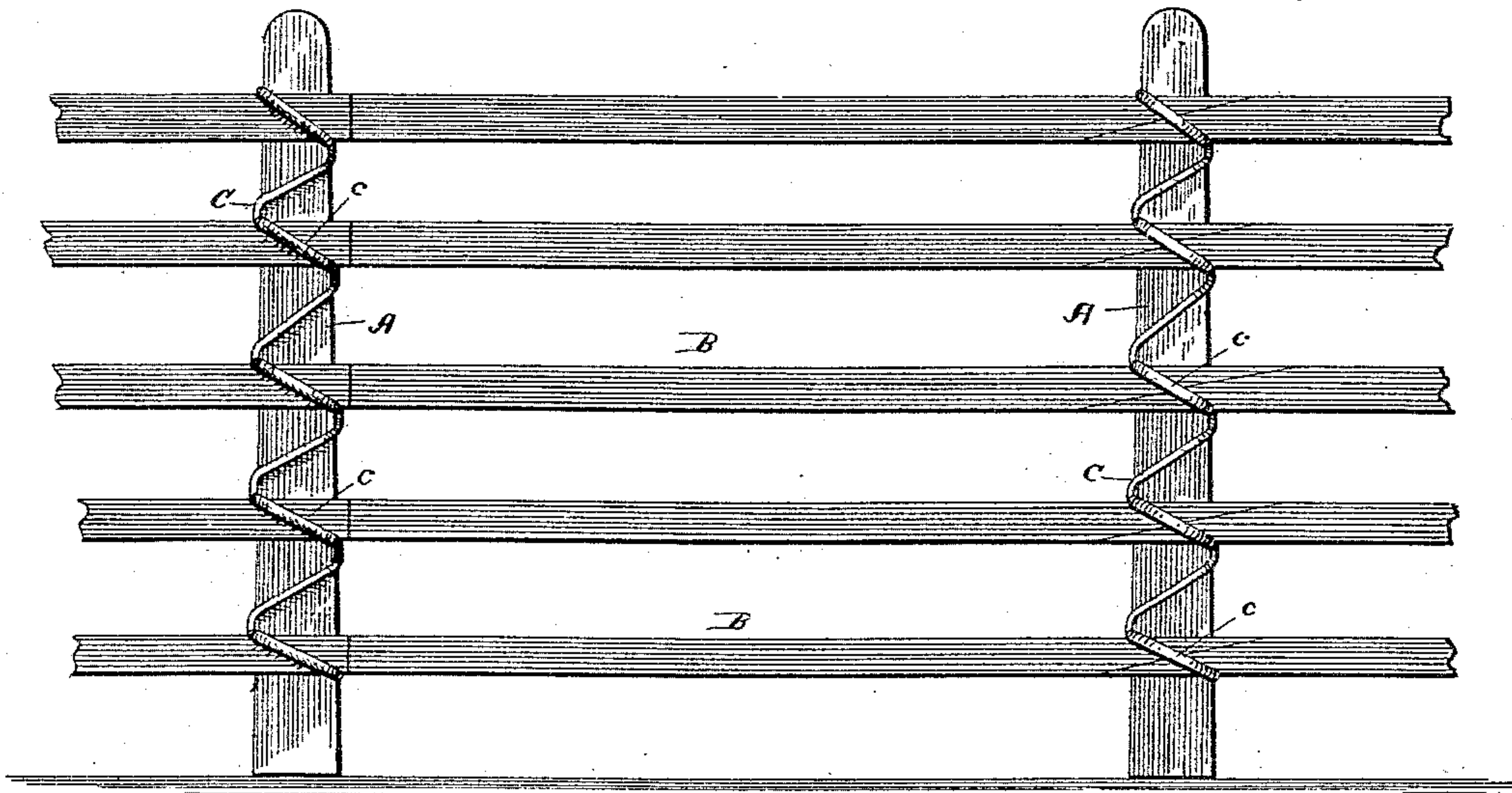


Fig. 2.

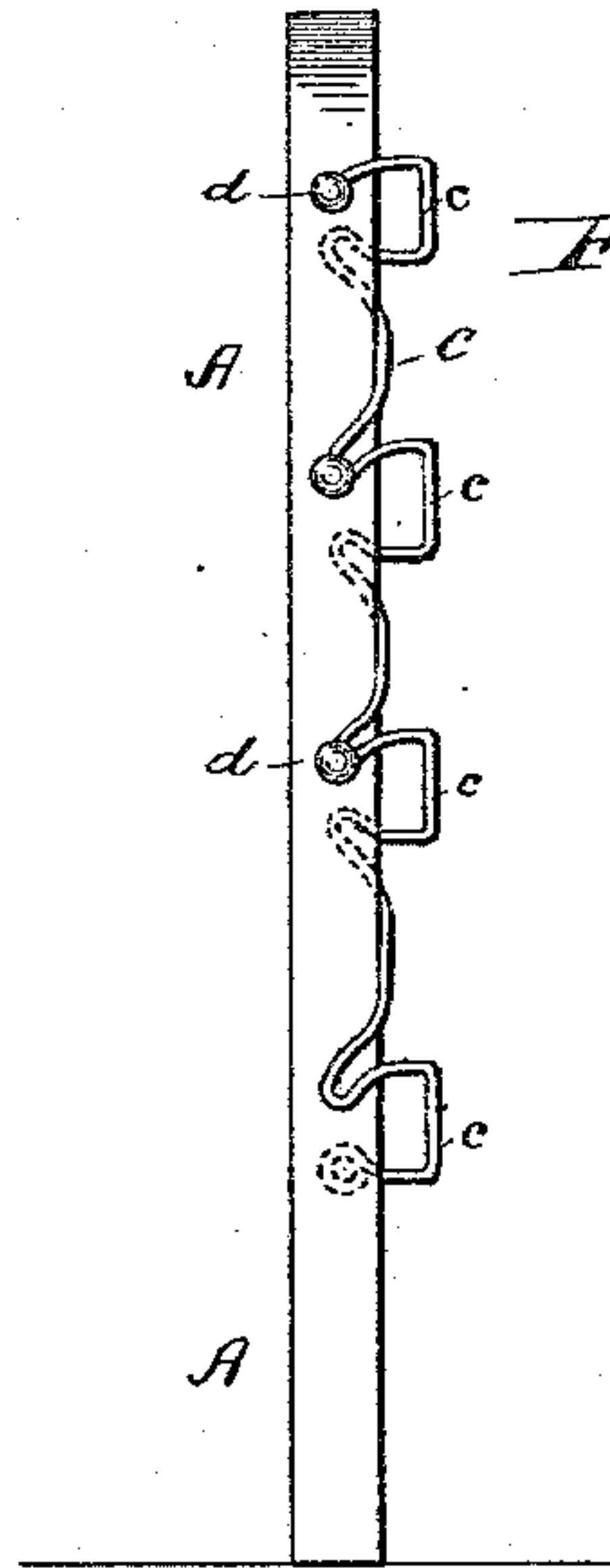
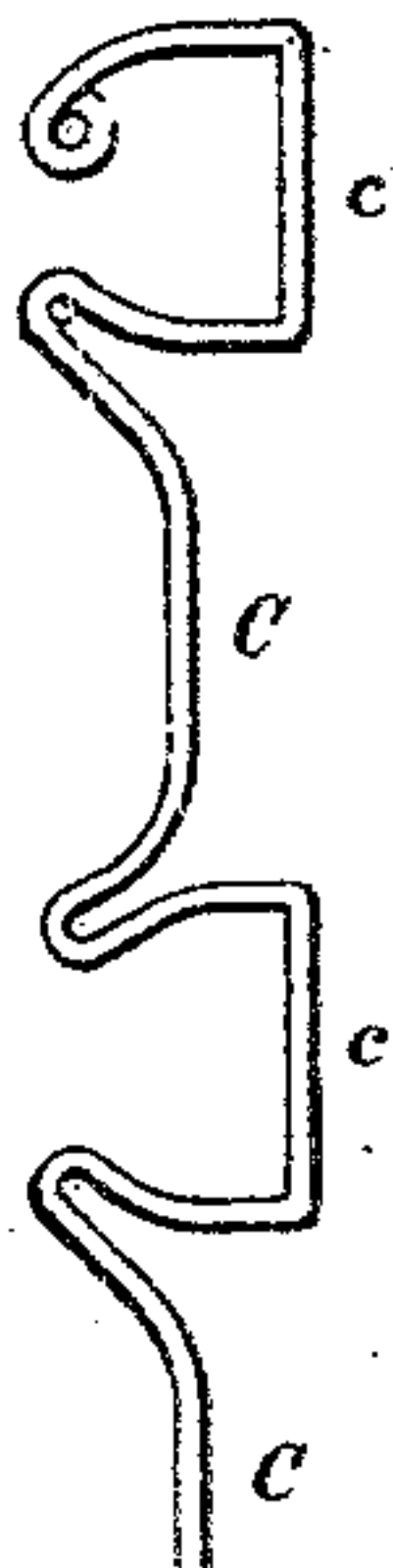


Fig. 3.

Fig. 4.



WITNESSES

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FENCE.

SPECIFICATION forming part of Letters Patent No. 339,434, dated April 6, 1886.

Application filed October 15, 1885. Serial No. 179,993. (No model.)

To all whom it may concern:

Be it known that I, ISRAEL L. LANDIS, a citizen of the United States, residing at Lancaster, in the county of Lancaster and State of Pennsylvania, have invented certain new and useful Improvements in Fences, of which the follow is a specification, reference being had therein to the accompanying drawings.

This invention relates to certain improvements upon the invention for improvement in fences, upon which Letters Patent of the United States were granted to me the 3d day of October, 1882, No. 265,518, wherein the fence-rails are held to the posts by wires passing obliquely over the faces of the rails and fastened to the posts by means of nails or pins, and it has for its objects to provide for more securely fastening the rails by a peculiar arrangement of the wires and fastening devices, so that the said rails will not be liable to shift from their seats, as more fully hereinafter specified.

These objects I attain by the means illustrated in the accompanying drawings, in which Figure 1 represents a side elevation of a fence constructed according to my invention; Fig. 2, a perspective view of one of the fence-posts detached, showing the wires for securing the rails; and Fig. 3 an edge view of one of the fence-posts, showing the fastening devices. Fig. 4 is a side view of the wire and its fastenings detached from the post.

The letter A indicates the fence-posts, which are rectangular in cross-section, and B the parallel rails of the fence.

To the fence-posts are secured the fastening-wires C, which extend diagonally across the face of the posts, as shown. Each post is preferably provided with a single wire for securing all the rails, although separate wires may be used, if found convenient. Each alternate stretch of wire across the face of the post is formed in a loop, *c*, for the reception of the fence-rails, and at suitable intervals on the opposite edges of the posts the wires at their angles are secured by means of pins or nails, *d*, the angles being bent around the

edges, so as to be flat against the same between the heads of the nails and the said edges. The wires at the angles are alternately bent upward and downward, so as to form loops or hooks that will extend below the upper edge and above the lower edge, respectively, of the parallel rails, and prevent them from moving vertically either up or down.

It will be seen that as thus constructed it is impossible for the rails to be accidentally displaced when once in place, and as the nails or pins which secure the wires are driven in the edges of posts, instead of the face, they are subjected to no direct longitudinal strain, and consequently cannot be drawn out accidentally, thus affording the utmost security in holding the rails and providing a strong and durable fence, the wires extending across the post effectually securing it against splitting, and strengthening it.

In order to give a better support to the rails, a recess, as shown at X at the bottom of Fig. 2, may be formed in the face of the post for the reception of the rails. The said recess forms a seat for the rails, in which the same are confined by the wire loops, so as to positively preclude any upward or downward movement of the same.

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

In a rail fence, the combination, with the rails, arranged as described, and the posts, of the wires extending obliquely across the front of the rails and over and under the lapped ends of the same, where they are looped, the loops extending downward below the upper edges of the rails and upward under the lower edges of the same, and being secured to the posts by nails or pins, substantially as specified.

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

ISRAEL L. LANDIS.

Witnesses:

JOHN C. JENKINS,
CHAS. D. DAVIS.