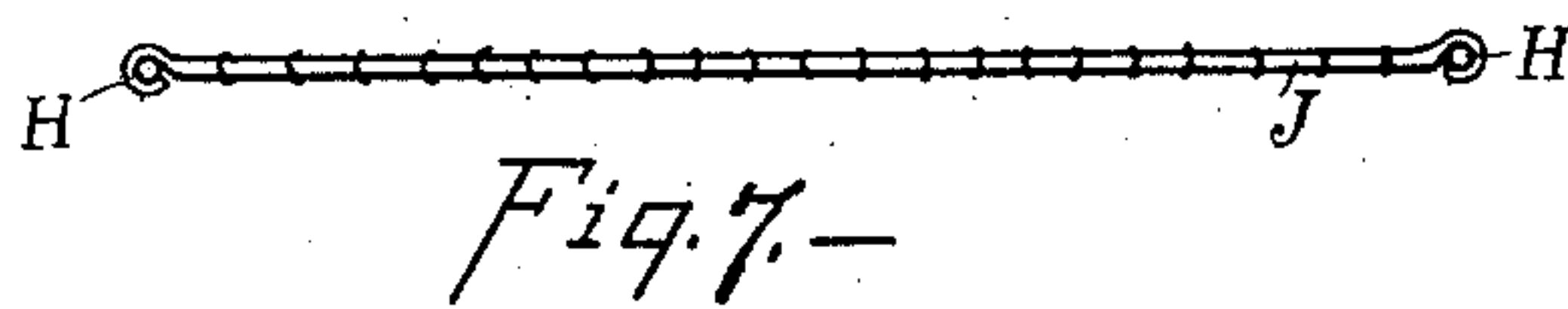
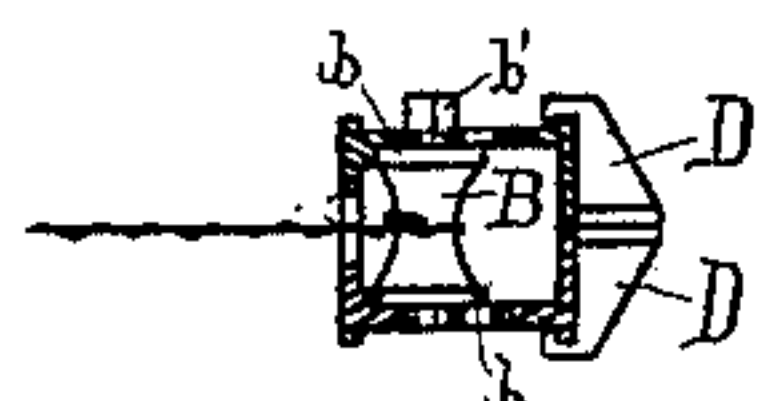
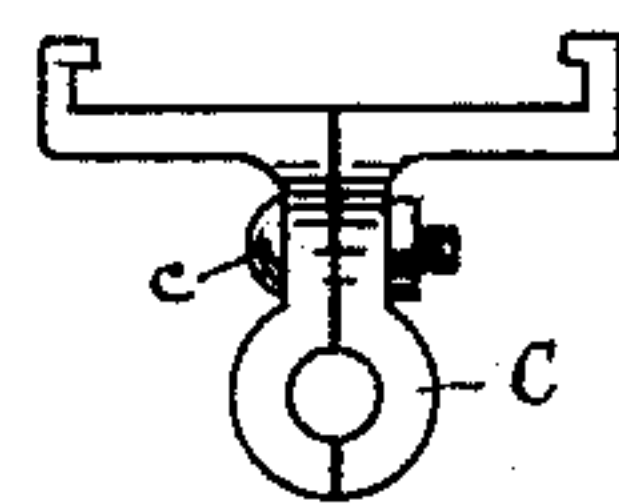
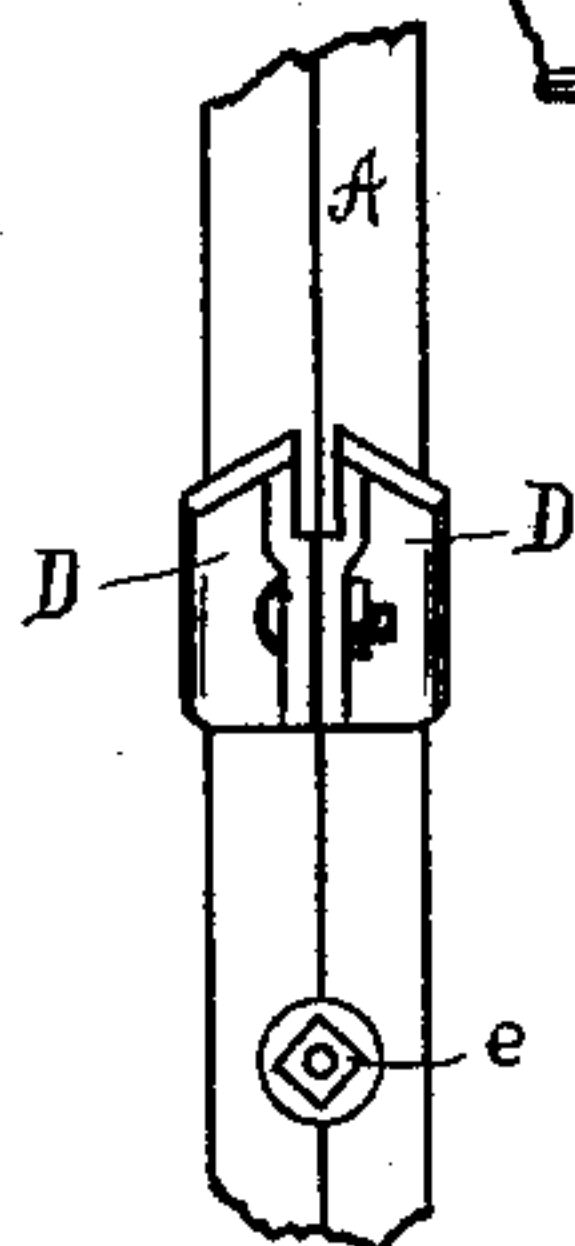
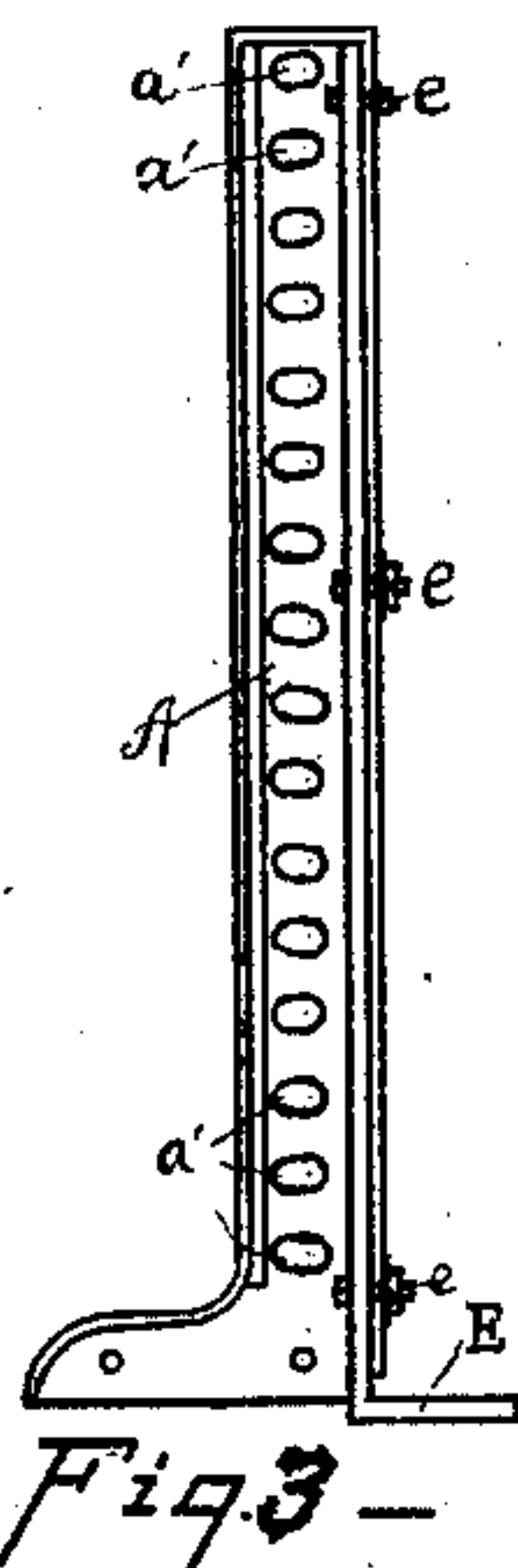
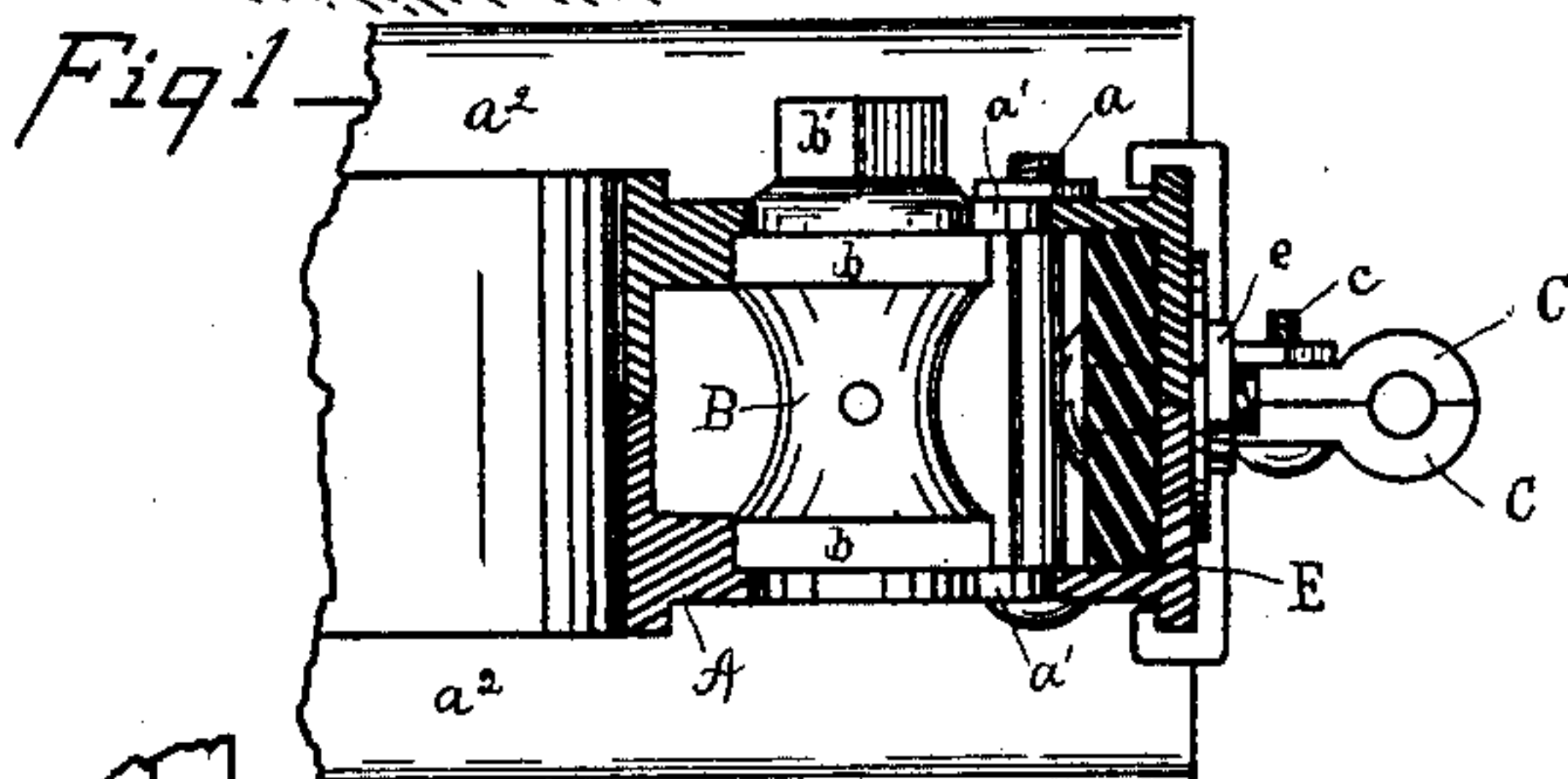
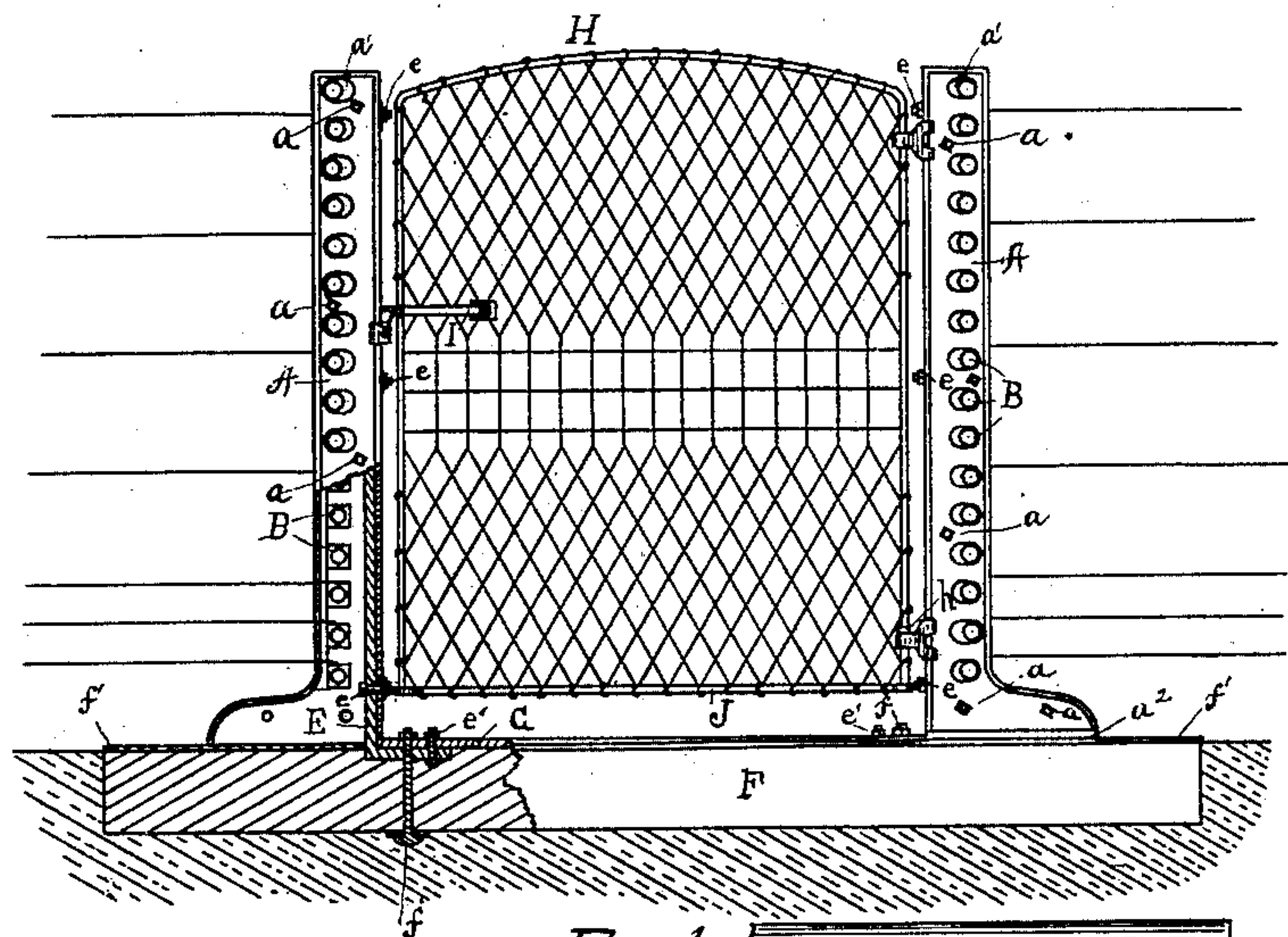


(No Model.)

W. C. GHOLSON.
GATE FOR WIRE FENCES.

No. 353,130.

Patented Nov. 23, 1886.



Attest -
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Att'y

UNITED STATES PATENT OFFICE.

WILLIAM C. GHOLSON, OF CINCINNATI, OHIO.

GATE FOR WIRE FENCES.

SPECIFICATION forming part of Letters Patent No. 353,130, dated November 23, 1886.

Application filed November 16, 1885. Serial No. 183,019. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM C. GHOLSON, a citizen of the United States, and a resident of Cincinnati, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Gates for Wire Fences, of which the following is a specification.

My invention relates to gates for wire fences. Its objects are to provide strong durable posts, that will, without liability of becoming loose, sustain the strain of the wires, and at the same time furnish supports for hanging the gate, which may be securely placed in position at any distance apart, with but little labor, and to secure a light, durable gate, and ready means for hanging the same. These objects are attained by the means illustrated in the accompanying drawings, in which—

Figure 1 is a front view of my improved gate, part of one of the posts and a part of the base being broken away to illustrate in vertical section the means by which the posts are held in place. Fig. 2 is a transverse sectional view, on an enlarged scale, taken through the post. Fig. 3 is an inside elevation of one-half of the post, with the brace secured to it. Fig. 4 is a front elevation of that portion of the post to which the latch-dog is secured. Fig. 5 is a plan view of the hinge detached. Fig. 6 is a transverse horizontal section of the post on the latch-edge of the gate; and Fig. 7 is a plan view of the lower edge of the gate.

Throughout the various views like parts are represented by similar reference-letters wherever they occur.

The posts A are molded in two parts, and secured together by bolts *a*. Each side of the post has oblong perforations *a'*, to receive the journals of the wire-tightening spools B. The spools have rectangular shoulders *b* between the journals of the spool to bear against a vertical ledge on the inside of the posts, to prevent the spools from turning when the wires are drawn tight. The spools have also wrench-seats *b'*, which project through openings in one side of the post, to receive a wrench by which the wire is wound around the spools for the purpose of tightening, the oblong openings permitting the spools to slide toward the opposite side of the post and allow the spools to turn. The edge of the post opposite the gate-edge is

of course perforated for the admission of the wires. The post has also at the bottom projecting flanges *a'*, to give it a firm foundation on the base. The spools are inserted in one side of the post, the other is then placed upon it, and the two parts are secured together by the bolts *a*, thus holding the spools in position. The hinge-clips C, Figs. 2 and 5, are preferably made of malleable metal. They hook over the projecting edge flanges of the post, and are tightened up by bolt *c*, forming at the same time a hinge-bearing and additional fastening-clips to hold the sides of the hinge-post together. The opposite post has a latch-dog, D, Fig. 4, secured to it in a similar manner, and this is also made of malleable metal.

The adjacent edges of the posts have wrought-iron bars E, passed up through them from the bottom and secured firmly to the posts by bolts *e*. The angle end of bar E projects below the base of the post, and is countersunk into the base or foundation F, which may be of wood or stone. Placed on top of this base is another wrought-iron bar, G, which extends from post to post. The bars E and G are secured together and to the base by bolts *f e'*. By this means I am enabled to set my gate-posts at any desired distance apart by simply using a longer or shorter connecting-bar, G.

f' represents a metal plate, which I place under the foot of the posts for additional support. The gate-frame is made of two iron rods, the one, H, being bent around to form the top and sides, and the lower one, J, is a straight rod, having its ends flattened and turned around the lower ends of the rod H.

Within the frame is woven a net-work of wire of any suitable design or pattern.

The collar *h* is welded or sweated onto the hinge side of the rod H, to rest upon the lower hinge and support the gate.

The wire-tightener shown is not broadly claimed herein, as it is claimed in a former patent; and it is evident that any wire-tightening device applied to my posts which will strain them backward from the gate will accomplish the same result.

In the drawings I have shown my posts of cast-iron, as I usually make them; but they may be made of wood, and when so made the bar E should be let into the gate edges of the posts,

and the wire-tightening spools journaled in boxes on the opposite edge. The same bolts passing through the posts are used to secure the bar E and the spool-bearings to the posts.

5 The hooked ends of the hinge-clips and latch-dog are also let into the wood.

What I claim is—

1. The combination, substantially as specified, of the post A, with the angle-bar E, secured to the gate edge of the post, and having its lower bent end extending horizontally for attachment to the base and the wire-tighteners B, and fence-wires to draw the post from the gate and hold it firmly upon its base.

15 2. In combination, the two-part posts A, the spools B, journaled within the posts, the bolts

a, for securing the sides together, and the bar E, secured within the post and to the gate edge thereof, and having its lower end bent and extending out for attachment to the base, substantially as shown and described. 20

3. The combination, substantially as specified, of the posts A, bars E, secured to the gate edges of said posts, and having their lower ends extending below the base and bent at a right angle to the posts, as shown, with the base F, bar G, bolts *e' f*, wire-tighteners B, and the fence-wires. 25

WILLIAM C. GHOLSON.

Witnesses:

JOS. H. BLACKWOOD,
R. G. DuBois.