

(No Model.)

E. A. COOPER.

FASTENING DEVICE FOR WIRE FENCES.

No. 299,911.

Patented June 3, 1884.

Fig. 1.

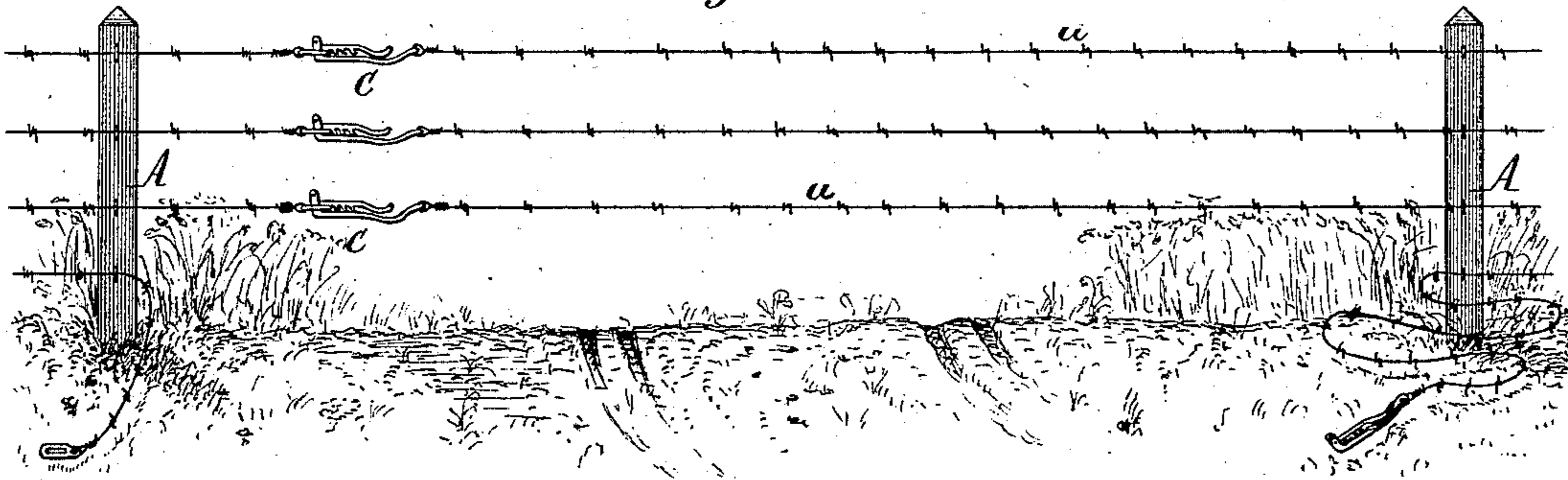


Fig. 2.

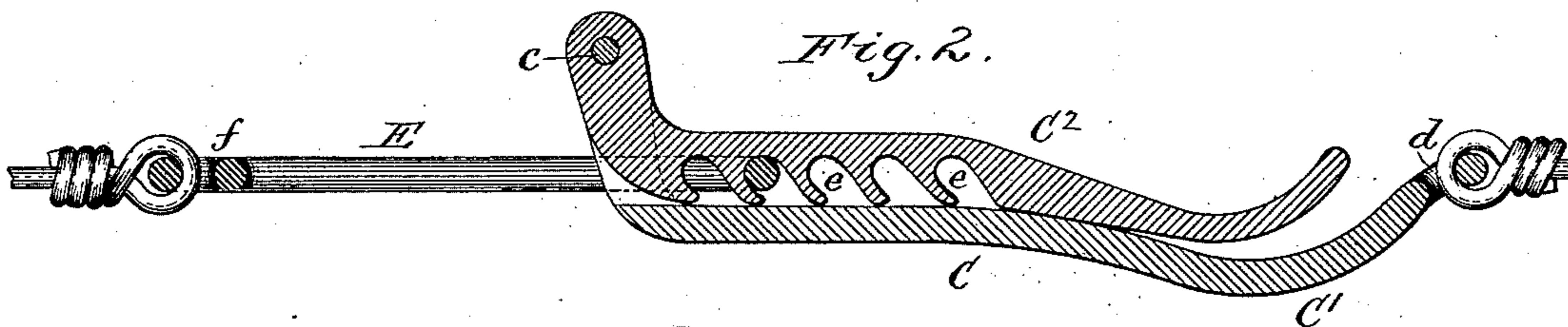


Fig. 3.

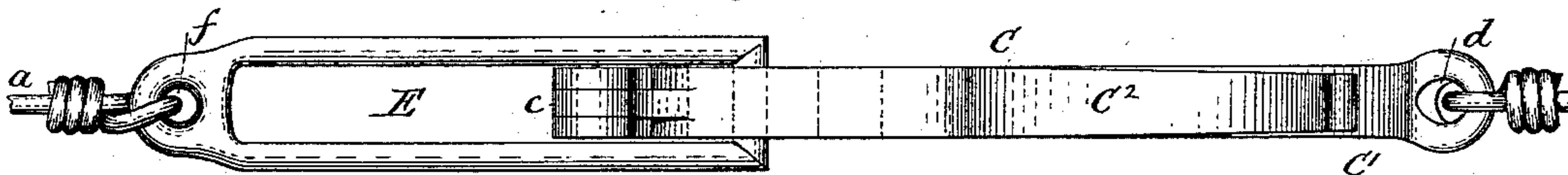
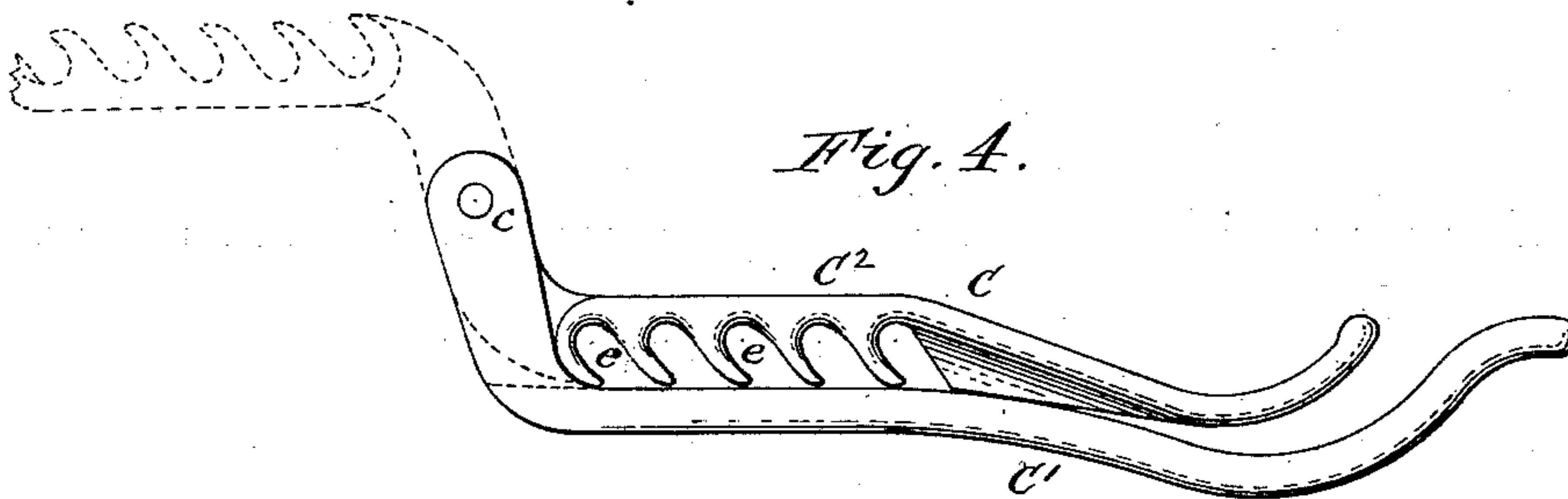


Fig. 4.



Chas. Buchheit
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UNITED STATES PATENT OFFICE.

EDWARD A. COOPER, OF BUFFALO, NEW YORK, ASSIGNOR OF ONE-FOURTH
TO FRANK SIBLEY, OF SAME PLACE.

FASTENING DEVICE FOR WIRE FENCES.

SPECIFICATION forming part of Letters Patent No. 299,911, dated June 3, 1884.

Application filed February 13, 1884. (No model.)

To all whom it may concern:

Be it known that I, EDWARD A. COOPER, of Buffalo, in the county of Erie and State of New York, have invented new and useful Improvements in Fastening Devices for Wire Fences, of which the following is a specification.

This invention relates to an improvement in the devices whereby the ends of fence-wires are detachably connected between the posts in such manner that the fastening can be readily released and the ends of the wires disconnected when it is desired to obtain access to the field or land inclosed by the wire fence, thereby avoiding the employment of gates or stiles for this purpose.

The object of my invention is to produce a fastening device of this character which will be firmly held in place by the strain or tension of the wire.

My invention consists, to that end, of the improvements in the construction of the fastening which will be hereinafter fully set forth, and pointed out in the claim.

In the accompanying drawings, Figure 1 is an elevation of a section of a wire fence provided with my improvements. Fig. 2 is a longitudinal section on an enlarged scale of the fastening device. Fig. 3 is a top plan view, and Fig. 4 is a side elevation, of the fastening device.

Like letters denote like parts in the several figures.

A represents the posts, and *a* the wires secured to the posts. The ends of the wires *a* are detachably connected between the posts by clamps C, each of which consists of two jaws, C' C², to which the ends of one line of wire is attached. The jaws C' C² are attached together by a pivot, *c*, which is arranged on one side of both jaws, so that the strain applied to the jaws will tend to hold the jaws closed or in contact with each other. The jaw C' is provided near its end with an opening, *d*, in which one end of the wire is secured. The jaw C² is provided on its inner

side with a series of recesses or notches, *e*, in which engages an elongated loop or bail, E. The other end of the wire is secured in an opening, *f*, formed in the outer end of the bail E. Upon opening the jaws C' C², as represented in dotted lines in Fig. 4, the bail E can be detached from the jaw C², thereby disconnecting the two ends of the wire. As each line of wire is provided with a clamp, C, the fence is opened upon releasing all the clamps between two posts, leaving the space between two posts unobstructed, and providing a passage-way through the opening so formed in the fence. By engaging the bails E with their corresponding jaws, C², and closing the jaws of the several clamps, the ends of the wires are connected and the fence is closed. The series of notches *e* permit the bail E to be placed nearer to or farther from the pivot *c* of the jaws, whereby the strain on the wires can be regulated. When the jaws are closed, as represented in Fig. 2, the pivot *c* is located on one side of the wire and outside of both jaws, whereby the tension of the wire is caused to hold the jaws firmly closed, thereby preventing the accidental opening of the jaws.

The clamps C are readily constructed of malleable iron or other suitable metal, thereby producing a cheap and durable fastening, which can be applied in any desired place on the fence.

I claim as my invention—

A clamp composed of a jaw, C', adapted to be secured to one end of the wire, a jaw, C², pivoted to the jaw C', and provided on its inner side with a series of notches, *e*, and a bail, E, adapted to be engaged in said notches, and to be secured to the other end of the wire, the parts being combined substantially as set forth.

In testimony whereof I have hereunto set my hand this 8th day of February, 1884.

EDWARD A. COOPER.

In presence of—

EDWARD WILHELM,
F. L. BROWNE.