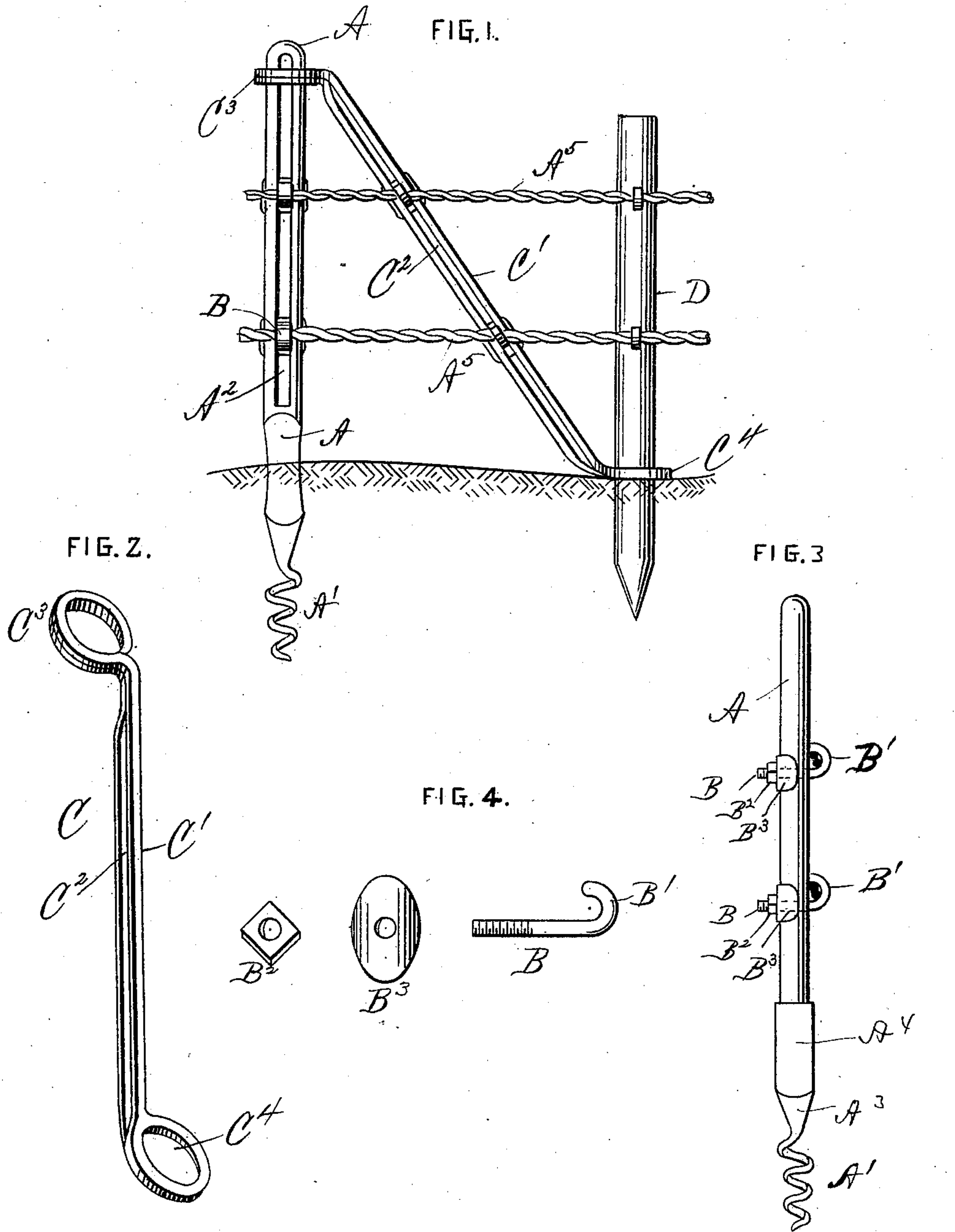


(Model.)

E. FISCHER.
FENCE.

No. 299,770.

Patented June 3, 1884.



WITNESSES:
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UNITED STATES PATENT OFFICE.

EMIL FISCHER, OF CALLIOPE, IOWA.

FENCE.

SPECIFICATION forming part of Letters Patent No. 299,770, dated June 3, 1884.

Application filed November 14, 1883. (Model.)

To all whom it may concern:

Be it known that I, EMIL FISCHER, a citizen of the United States, residing at Calliope, in the county of Sioux and State of Iowa, have
5 invented certain new and useful Improvements in Fences, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to improvements in
10 fences; and it consists in the construction, combination, and arrangement of the several parts, as will be hereinafter fully described and claimed.

In the drawings, Figure 1 is a side view of a
15 section of my fence. Fig. 2 is a detail view of the brace; Fig. 3, a detail view of the post, and Fig. 4 a similar view of the clamping devices.

The post A is provided on its lower end
20 with a spiral, A', in order to facilitate the securing of same in the ground. The lower end, A³, of the post is formed in the shape of an inverted cone, and tapers to practically a point at its end. The screw or spiral A' is secured
25 to and depends from the extreme end of the post, as shown. In use, when the post is turned in the proper direction, the spiral or screw will enter the ground and draw the post after it. The end of said post, being of
30 the conical form shown, will readily enter the ground, and in forcing its way will press the ground outward, compacting the same and forming a solid seat and foundation for the post. I preferably provide the post with an
35 angular portion, A⁴, to receive a wrench, whereby the said post may be the more readily turned. The post is formed with a vertical slot, A², formed at right angles to the line of the post. The cables A⁵ are secured
40 to the post by the clamps, which consist of the bolt B, having hook B' at one end and threaded at the other, the nut B², turning on the threaded portion, and the washer B³, placed on the bolt between the rear edge of the
45 post and the nut, as most clearly shown in Fig. 3.

The operation of this clamp will be readily understood from the drawings. It will be seen that they may be adjusted up and down in the
50 slot A², in order to set the cables nearer together or farther apart, as may be desired.

It will be understood that I do not desire to be limited to the specific construction of the clamps shown, as it is obvious that the form of same can be varied without departing from
55 the principle of my invention.

The strut-brace C is composed of the main portion C', slotted longitudinally at C², and the eyes C³ C⁴, formed on the opposite ends of the
60 portion C', and at an angle thereto, as shown. The upper eye, C³, is fitted down over the post A, and the lower eye is secured to the ground by the brace-post D, to which the cables are secured, as shown. Clamps are employed to
65 secure the wire to the brace. They are usually similar to those used on the post A, and are adjustable in the slot C², for the same purpose they are adjustable in the slot A², as will be readily understood.

I have shown my strut-brace in line with
70 the fence and provided with wire-securing clamps. It will be understood that it may be used at an angle to the line of fence, its upper eye being slipped over the upper end of the post, and adjusted vertically to accommodate
75 its lower end to any inequalities in the ground-surface. This lower end may be secured to the ground by stakes driven through eye C⁴, or in other suitable manner.

It will be understood that instead of using
80 the post D the eye C⁴ may be staked to the ground by short stakes, though I prefer to use the brace-post, as shown, as thereby the fence is greatly strengthened.

It will be understood that the manner of se-
85 curing the cables to the brace may be varied to suit the user, and that where so desired the upper end of the brace may be rigidly secured to the post, the said post and brace being slotted longitudinally, to permit the adjustment of the
90 cables as desirable.

By means of the construction before described the fence can be quickly and easily built, the cables may be arranged any desired distance apart, and the main posts will be
95 firmly braced in position.

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

1. In a wire fence, the brace, substantially
100 as specified, composed of the main portion slotted longitudinally, and the eyes formed on

its opposite ends and at an angle to the main portion, substantially as and for the purposes specified.

2. The wire fence, substantially as herein-
5 before described and shown, consisting of the cables, the post slotted vertically, the cable-clamps adjustable in said slots, the brace slotted longitudinally and having an eye on its upper end fitted over the post, and one on its
10 lower end rested on the ground, cable-clamps adjustable in the said slot, and the brace-post having the cables secured to it and driven through the lower eye of the brace, substantially as specified.

15 3. In a wire fence, the combination, substantially as specified, of the post and the brace having its upper end secured to the post and its lower end secured to the ground, the said

post and brace being slotted longitudinally and provided with wire-clamps adjustable in said 20 slots, substantially as set forth.

4. The combination of the cables, the fence-post, the strut-brace having its upper end secured to the post and its lower end to the ground, and the wire-clamps, constructed sub- 25 stantially as described, said wire-clamps being adjustable or movable longitudinally along said post and brace, substantially as set forth.

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

EMIL FISCHER.

Witnesses:

WM. HUTCHINSON,

C. E. MILLS,

THOMAS G. BETTS.