

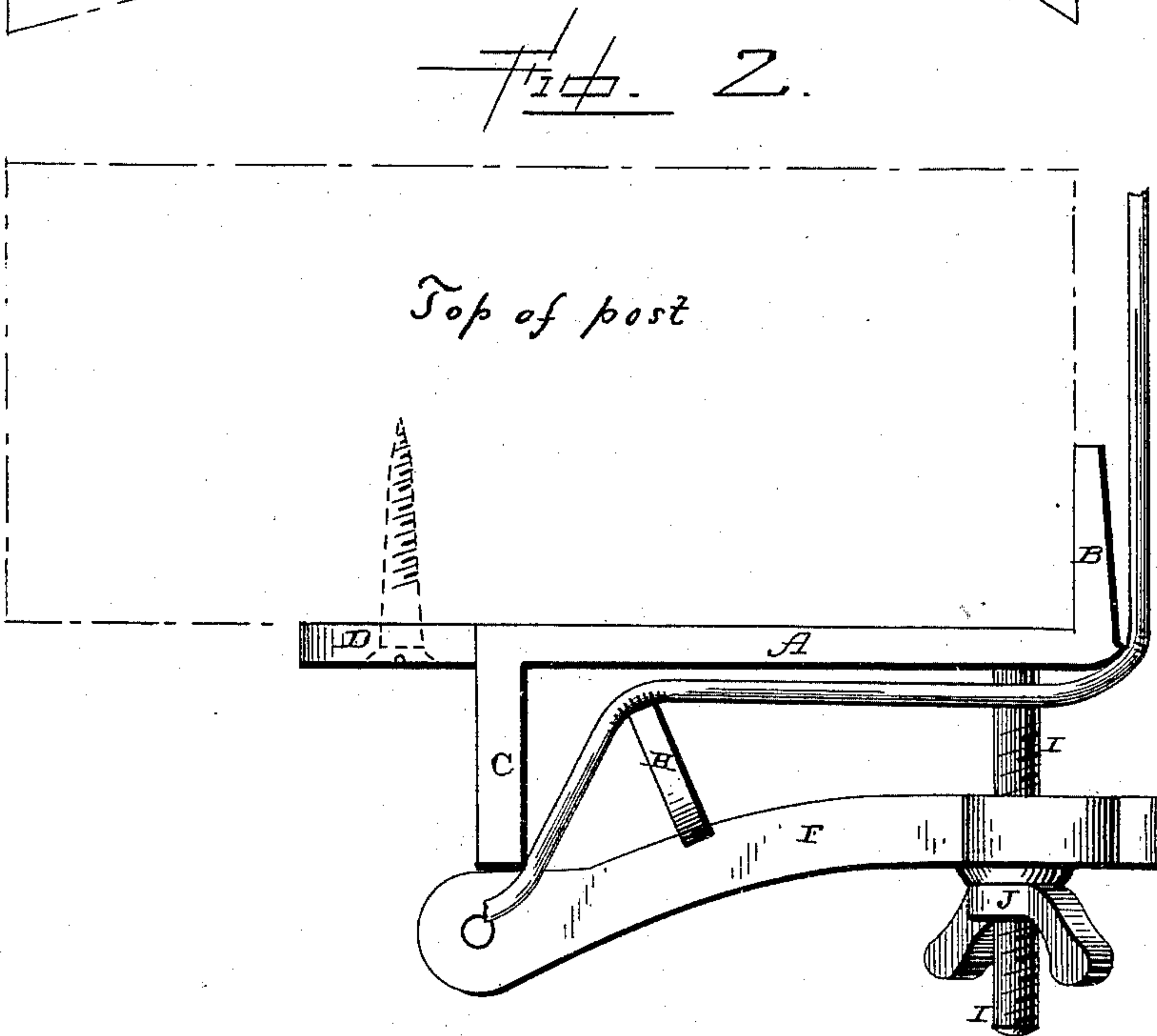
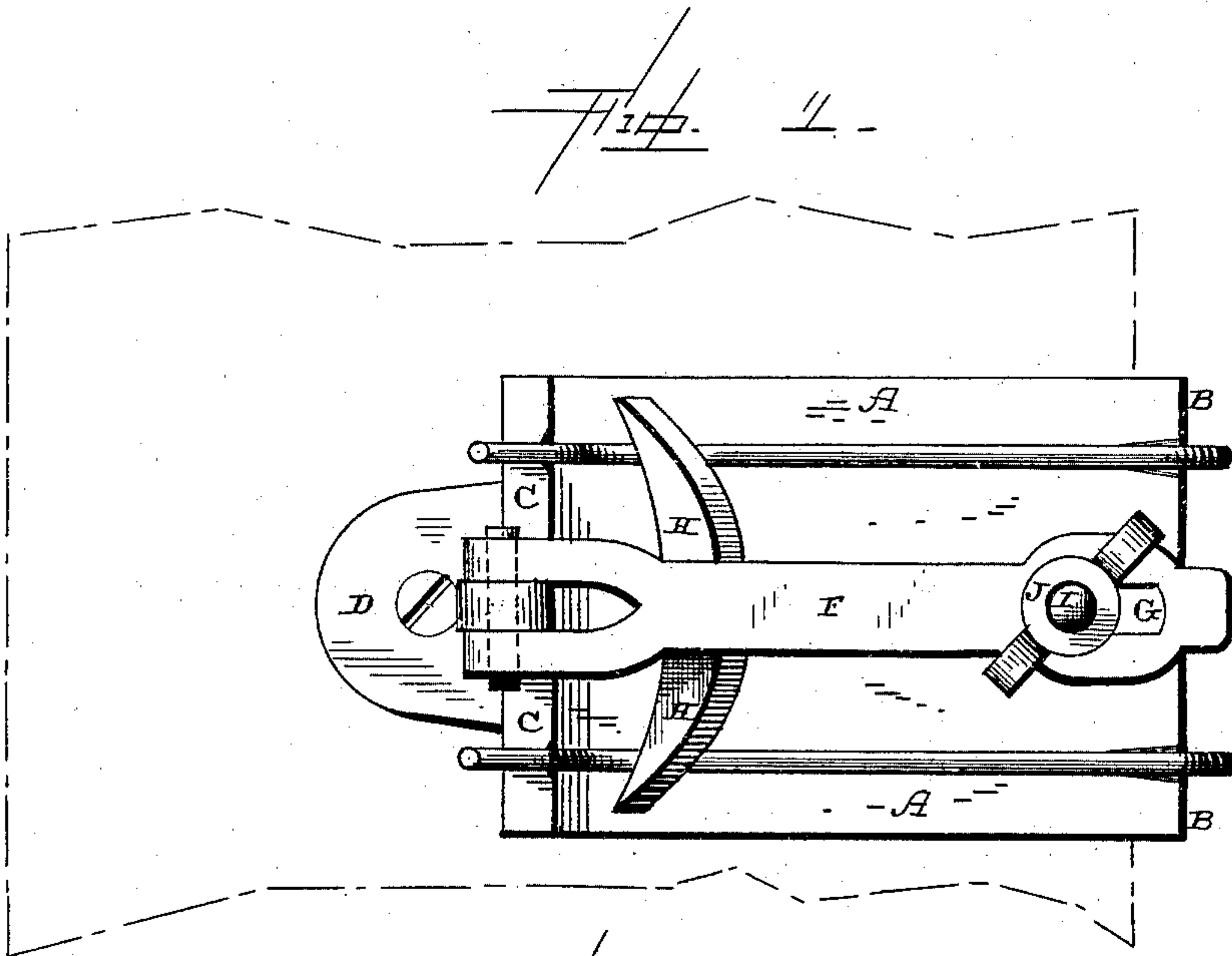
(No Model.)

C. E. WINTRODE.

TENSION DEVICE FOR MAKING PICKET FENCES.

No. 370,585.

Patented Sept. 27, 1887.



WITNESSES.
A. T. Gardner
Edm. P. Ellis.

Inventor.
C. E. Wintode,
per
J. A. Lehmann, atty.

UNITED STATES PATENT OFFICE.

CHARLES E. WINTRODE, OF HUNTINGTON, INDIANA.

TENSION DEVICE FOR MAKING PICKET FENCES.

SPECIFICATION forming part of Letters Patent No. 370,585, dated September 27, 1887.

Application filed August 1, 1887. Serial No. 245,870. (No model.)

To all whom it may concern:

Be it known that I, CHARLES E. WINTRODE, of Huntington, in the county of Huntington and State of Indiana, have invented certain
5 new and useful Improvements in Tension Devices for Making Picket Fences; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as
10 it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in tension devices for making picket fences; and
15 it consists in the combination of a suitable plate or frame, having one end bent so as to catch over the edge of the post, and the other end turned up at right angles, but in the opposite direction from the end which catches
20 over the edge of the post, a pivoted lever provided with a flange and having a slot through one end, and a regulating-screw for adjusting the tension upon the wire, as will be more fully described hereinafter.

25 The object of my invention is to produce a device which can be readily applied to and removed from a fence-post, and in which the pivoted lever is made to regulate the amount of friction which is applied to the wire while
30 being twisted around the pickets.

Figure 1 represents a side elevation of a device embodying my invention. Fig. 2 is an edge view of the same.

A represents a metallic plate, which has its
35 end B bent at right angles, so as to catch over the edge of the post, and its other end, C, also bent at right angles, but in the opposite direction from the one B, so as to form a support for the pivoted lever. Upon the same
40 end of the plate as the end C is formed a perforated ear or extension, D, through which a screw or nail can be driven into the post, so as to hold the plate in position thereon.

Pivoted upon the edge of the end C is the
45 lever F, which is provided with the slot G at its outer free end, and with the flange H on its inner side, so as to bear against the wires and thus cause the wires to be bent to a greater or less extent, and thus regulate the amount of
50 friction upon them.

Passing through the plate A, near the end B, is the stationary screw-rod I, which passes

through the slot in the end of the lever, and upon which is placed the thumb-nut J. In proportion as the thumb-nut is screwed in-
55 ward upon the rod the free end of the lever is forced inward toward the plate, thus causing the flange secured to its inner edge to force the wires backward toward the corner, which is
60 formed by the turning outward of the end C, and thus bending the wires so that a greater amount of frictional contact will be exerted upon them. The wires bear against the outer edge of the plate A at the end B, pass back-
65 ward under the flange of the lever, and then upward over the edge of the end C. In proportion as the bend is made more or less sharp by the flange, so the friction of the wire against the edge of the plate and the end C is in-
70 creased.

It will be seen that the plate can be readily attached to the post at any point by a single screw or nail; that the tension can be in-
75 creased or decreased at will by simply turning the thumb-nut; and that the wires can be quickly applied to and removed from the plate without having to remove any part of the tension device except the thumb-nut, this tension device being applied to the post on the farther
80 side from the pickets, and does not have to be removed until the pickets are secured in place up to the very post itself. The consequence is the tension is never taken off of the wires until the wires have been fastened di-
85 rectly to the side of the post.

Having thus described my invention, I claim—

1. The combination of the plate provided with the bent end C, a pivoted lever connected thereto and provided with a flange to bear
90 against the wire, and a regulating-screw, substantially as shown.

2. The combination of the plate A, having the bent ends B C, the lever pivoted upon the end C and provided with a flange to bear
95 against the wire, and having a slot through its free end, the screw-rod, and the thumb-nut, substantially as described.

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

CHARLES E. WINTRODE.

Witnesses:

BUELL M. COBB,
W. H. MEECH.